Term	Course Code	Level	Course Title	Course Description	Course Type					
				The impact of public policies on the black community and the role of the policy process in						
				affecting the social, economic and political well-being of minorities. Particular attention						
Fall 2016	AASP101	Undergraduate	Public Policy and the Black Community	given to the post-1960 to present era.	Course w/ Sustainability		All Levels	Undergraduate	Graduate	
				The impact of public policies on the black community and the role of the policy process in						
				affecting the social economic and political well-being of minorities. Particular attention			2016	2016	2016	
Spring 2016	44SP101	Undergraduate	Public Policy and the Black Community	given to the post-1960 to present era	Course w/ Sustainability		2010		2010	
5pmg 2010	7451 101	ondergraduate	Tuble Folley and the black commanity	The impact of public policies on the black community and the role of the policy process in	course wy sustainability	Sustainability				
				affecting the social according and political well being of minorities. Particular attention		Courses	240	174	65	
Sum 1 2016	4460101	the demonstration of the	Public Policy and the Plack Community	allecting the social, economic and policical weil-being of minorities. Particular attention	Course w/ Sustainability	courses	240	1/4	05	
Sull1 2010	AASP101	Undergraduate	Public Policy and the Black Community	given to the post-1960 to present era.	Course wy Sustainability					-
				Students will examine the birth of the facial caste system following the abolition of slavery,		Common state				
				the parallels between the racial hierarchy of the Jim Crow system and contemporary mass		Courses with	734	503	231	
5 11 2016			The New Jim Crow: African-Americans, Mass Incarceration and the	incarceration, and the rise of the prison industrial complex as a multi-billon business which		Sustainability				
Fall 2016	AASP187	Undergraduate	Prison Industrial Complex	thrives on the oppression of low-income populations and poor communities of color.	Course w/ Sustainability					-
				Who is getting infected with HIV/AIDS? Who is dying from it? These are two questions that		Total of both				
				feature prominently on both the domestic and international health agendas. Even though		types of courses				
				the statistics from Africa garner the greatest global attention, the situation in the US, in						
				particular the DC/Baltimore area, has recently raised concern and intensified the call for			974	677	296	
				action. The goal of this "I" course is to engage students in a critical examination of 1) the						
				factors that put people at risk for getting infected and 2) the factors that determine the type						
				of treatment that people receive in the US as well as globally with a particular focus on						
Fall 2016	AASP189I	Undergraduate	HIV/AIDS in a Global Perspective	Africa and the African Diaspora	Course w/ Sustainability					
				Who is getting infected with HIV/AIDS? Who is dying from it? These are two questions that						
				feature prominently on both the domestic and international health agendas. Even though						
				the statistics from Africa garner the greatest global attention, the situation in the US, in						
				particular the DC/Baltimore area, has recently raised concern and intensified the call for						
				action. The goal of this "I" course is to engage students in a critical examination of 1) the						
				factors that put people at risk for getting infected and 2) the factors that determine the type						
				of treatment that people receive in the US as well as globally with a particular focus on						
Spring 2016	AASP189I	Undergraduate	HIV/AIDS in a Global Perspective	Africa and the African Diaspora	Course w/ Sustainability					
		_		A research seminar that allows African American Studies majors to complete an						
				independent study research project in lieu of completing the AASP397: Senior Thesis.						
				Students will examine various concepts of race, gender, labor and ethnicity in the seminar						
Fall 2016	AASP396	Undergraduate	Independent Study Non-Thesis Option	lecture component to be applied toward their specific research projects.	Course w/ Sustainability					
		Ŭ		A research seminar that allows African American Studies majors to complete an						
				independent study research project in lieu of completing the AASP397: Senior Thesis.						
				Students will examine various concepts of race, gender, labor and ethnicity in the seminar						
Spring 2016	AASP396	Undergraduate	Independent Study Non-Thesis Option	lecture component to be applied toward their specific research projects.	Course w/ Sustainability					
		0		Classic readings of the social, economic and political status of blacks and other minorities in	,					
Spring 2016	AASP402	Undergraduate	Classic Readings in African American Studies	the United States and the Americas.	Course w/ Sustainability					
				Scientific knowledge and skills in solving technological and social problems, particularly	Course w/ Sustainability					
				those faced by the black community. Examines the evolution and development of African						
				and African American contributions to science. Surveys the impact of technological changes						
Spring 2016	AASP441	Undergraduate	Science, Technology, and the Black Community	on minority communities.						
Fall 2016	AGNR301		Sustainability	Designed for students whose academic majors would be enhanced by the complementary						
	2			study of a widely shared but hard-to-operationalize aspiration: that present choices should						
				preserve or improve future options rather than foreclose or degrade them. How should we						
				understand sustainability? How might we achieve it? How would we know if we had						
		Undergraduate		achieved it? And how could sustainability activists of a rising generation lead by example?	Sustainability Course					
Spring 2016	AGNR301		Sustainability	Designed for students whose academic majors would be enhanced by the complementary						
				study of a widely shared but hard-to-operationalize aspiration: that present choices should						
				preserve or improve future options rather than foreclose or degrade them. How should we						
				understand sustainability? How might we achieve it? How would we know if we had						
		Undergraduate		achieved it? And how could sustainability activists of a rising generation lead by example?	Sustainability Course					
				An exploration of the building blocks of the global economy (e.g. free trade, financial						
Spring 2016	AMST120	Undergraduate	Race Gender and the Global Economy	institutions) in relation to racial and gender difference hierarchies and ideologies	Course w/ Sustainability					
Spring 2010		sinuel gi auua Le	nace, senaci, and the blobal conting	Evaloration of the role of diversity in the chaning of American culture. Cossial omphasis will	Course w/ Sustainability					
				be placed on the multicultural origins of American popular and material culture. Special elliptidais will	course wy sustainability					
Spring 2016	AM5T212	Undorgraduat	Diversity in American Culture	foodways and entertainment, and on the experience of "Americanization."						
2h1118 2010	711/131212	undergraduate	Diversity in American culture	Introduction to the process of interdisciplinary research including research literatures						
				auestions, first hand sources and library and analytic methods in American Studies, Studies						
				questions, mist-nano sources and norary and analytic methods in American studies. Each						
				of current literature in this field. Eaculty for this source completed the Curtain-Literature						
Fall 2016	41467240	the day was done.	Introduction to History Theories and Matheds in American Studies	or current interature in this field. Faculty for this course completed the Sustainable Teaching	Course w/ Susteinshility					
r'dii 2010	MIVI31340	undergraduate	introduction to history, meones and Methods in American Studies	renows workshop and revised this course to include a sustainability-related unit of project.	Course W/ Sustainability					

Term	Course Code	Level	Course Title	Course Description	Course Type		
				Introduction to the process of interdisciplinary research, including research literatures,			
				questions, first-hand sources and library and analytic methods in American Studies. Each			
				student will craft a prospectus for original research. The course will include an examination			
				of current literature in this field. Faculty for this course completed the Sustainable Teaching			
Spring 2016	AMST340	Undergraduate	Introduction to History, Theories and Methods in American Studies	Fellows Workshop and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability		
				Developments in theories and methods of American Studies scholarship, with emphasis			
				upon interaction between the humanities and the social sciences in the process of cultural			
Fall 2016	AMST450	Undergraduate	Seminar in American Studies	analysis and evaluation.	Course w/ Sustainability		
				Developments in theories and methods of American Studies scholarship, with emphasis			
				upon interaction between the humanities and the social sciences in the process of cultural			
Spring 2016	AMST450	Undergraduate	Seminar in American Studies	analysis and evaluation.	Course w/ Sustainability		
				A comprehensive overview of the application of biology in the care and use of animals that	Course w/ Sustainability		
				live in close association with humans including food animals, companion animals, lab			
5 11 2245				animals, zoo animals, etc. The role of science in modern food production using animals will			
Fall 2016	ANSC101	Undergraduate	Principles of Animal Science	be emphasized.	Course ou ( Custo in a bility		
				A comprehensive overview of the application of biology in the care and use of animals that	Course w/ Sustainability		
				animals, zoo animals, etc. The role of science in modern food production using animals will			
Spring 2016	ANSC101	Undorgraduate	Principles of Animal Science	he emphasized			
5pmg 2010	ANJCIDI	under graduate	r meples of Animal Science	The physiology of domesticated animals with emphasis on functions related to homeostasis	Course w/ Sustainability		
Spring 2016	ANSC212	Undergraduate	Applied Animal Physiology	and the physiological adaptation to environmental influences	course wy sustainability		
5p		shuci și autate		Examine the evolution of human-animal relationships and consider some of the major social	Course w/ Sustainability		
			Love Me. Hate Me. Use Me. Save Me: Our Conflicting Views of	an scientific debates that have arisen in the last century as a result of our rapidly changing			
Fall 2016	ANSC225	Undergraduate	Animals	and diverse views about animals.			
		g		The principal diseases of North American wildlife will be briefly considered. For each	Course w/ Sustainability		
				disease, specific attention will be given to the following; signs evidenced by the affected	,		
				animal or bird, causative agent, means of transmission and effects of the disease on the			
Fall 2016	ANSC252	Undergraduate	Introduction to the Diseases of Wildlife	population of the species involved.			
				The fundamental role and implications of dietary preference, gastrointestinal physiology	Course w/ Sustainability		
				and nutrients in animal nutrition. Biochemical roles of nutrients in metabolism, digestion,			
Fall 2016	ANSC314	Undergraduate	Comparative Animal Nutrition	absorption and assimilation as it relates to various life processes.			
				Elements of nutrition, source characteristics and adaptability of various feedstuffs to several	Course w/ Sustainability		
				classes of livestock. A study of the composition of feeds, nutrient requirements and			
Spring 2016	ANSC315	Undergraduate	Applied Animal Nutrition	computerized formulation of economic diets and rations for livestock.			
				Ethical concerns related to the use of animals in modern society. Historical and	Course w/ Sustainability		
				philosophical overview of animal welfare and bioethics. Applied ethical discussions on			
				numan/animal interrelationships, physical and genetic manipulation, and other current			
Spring 2016		Understeineter	Animal Wolfare and Bioethics	and as nots			
Spring 2016	ANSC455	Undergraduate	Animal Weitare and Bioethics	dilu da pela. Readings on individual tonics are assigned. Written reports required. Methods of analysis			
				and presentation of scientific material are discussed. The course will include an examination			
				of current literature in this field. Faculty for this course completed the Sustainable Teaching			
Fall 2016	ANSC660	Graduate	Poultry Literature	Fellows Workshop and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability		
				Readings on individual topics are assigned. Written reports required. Methods of analysis			
				and presentation of scientific material are discussed. The course will include an examination			
				of current literature in this field. Faculty for this course completed the Sustainable Teaching			
Spring 2016	ANSC660	Graduate	Poultry Literature	Fellows Workshop and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability		
				Readings on individual topics are assigned. Written reports required. Methods of analysis			
				and presentation of scientific material are discussed. The course will include an examination			
				of current literature in this field. Faculty for this course completed the Sustainable Teaching			
Sum I 2016	ANSC660	Graduate	Poultry Literature	Fellows Workshop and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability		
Spring 2016	ANSC688J	Graduate	Special Topics	The course will include an examination of current literature in this field. Faculty for this course	s Course w/ Sustainability		
				A geographical introduction to ethnology, emphasizing the relations between cultural forms			
Fall 2016	ANTH221	Undergraduate	Introduction to Forensic Sciences	and natural environment.	Course w/ Sustainability		
Cum 1 201 C	4.51711224		Interation to Francis Crimero	A geographical introduction to ethnology, emphasizing the relations between cultural forms	Course of Course in a bility		
Sum I 2016	ANTH221	Undergraduate	Introduction to Forensic Sciences	and natural environment.	Course w/ Sustainability		
raii 2016	ANTH222		introduction to Ecological and Evolutionary Anthropology	An introduction to the evolution of numan physiology and numan behavior, the relationship			
				perween nominiu and non-nominiu primates, and the study of relationships between a			
		Undergraduato		Sustainability Studies Minor	Course w/ Sustainability		
Spring 2016	ΔΝΤΗ222	under graudle	Introduction to Ecological and Evolutionary Anthropology	An introduction to the evolution of human physiology and human behavior, the relationship	course wy sustainability		
5pring 2010			introduction to ecological and evolutionally Antihopology	between hominid and non-hominid primates, and the study of relationships between a			
				population of humans and their biophysical environment. This course is approved for the			
		Undergraduate		Sustainability Studies Minor.	Course w/ Sustainability		

Term	Course Code	Level	Course Title	Course Description	Course Type		
Sum I 2016	ANTH222		Introduction to Ecological and Evolutionary Anthropology	An introduction to the evolution of human physiology and human behavior, the relationship between hominid and non-hominid primates, and the study of relationships between a			
		Undergraduate		population of humans and their biophysical environment. This course is approved for the Sustainability Studies Minor.	Course w/ Sustainability		
Winter 2016	ANTH222	Undergraduate	Introduction to Ecological and Evolutionary Anthropology	An introduction to the evolution of human physiology and human behavior, the relationship between hominid and non-hominid primates, and the study of relationships between a population of humans and their biophysical environment. This course is approved for the Sustainability Studies Minor.	Course w/ Sustainability		
				An examination of the phenomenon of international migration, or immigration. Students develop awareness of how immigration has been framed in the general public and examined by social science disciplines, most prominently anthropology. Examination of case studies of different immigrant groups in distinct geographic contexts will illuminate the			
Fall 2016	ANTH264	Undergraduate	Anthropology and Immigration	varied incorporation experiences of immigrants into U.S. society.	Course w/ Sustainability		
Fall 2016	ANTH265	Undergraduate	Anthropology of Global Health	An overview of the growing field of global health including health care systems, medical practices, idea shout illness in cross-cultural contexts, issues of health development, global health inequity, and human rights issues. The course will focus on the history of global health, the critique of major international health agencies and their development paradigms, and the political economy of social inequalities and health	Course w/ Sustainability		
Spring 2016	ANTH265	Undergraduate	Anthropology of Global Health	An overview of the growing field of global health including health care systems, medical practices, ideas about illness in cross-cultural contexts, issues of health development, global health inequity, and human rights issues. The course will focus on the history of global health, the critique of major international health agencies and their development paradigms, and the political economy of social inequalities and health.	Course w/ Sustainability		
Fall 2016	ANTH266	Undergraduate	Changing Climate, Changing Cultures	Explore past, present, and future interactions between humans and climate. Discussions, methods-oriented activities, and case study analyses provide students a foundation for appreciating the role of anthropology in understanding, responding to, and preparing for climate change.	Sustainability Course		
Spring 2016	ANTH266	Undergraduate	Changing Climate, Changing Cultures	Explore past, present, and future interactions between humans and climate. Discussions, methods-oriented activities, and case study analyses provide students a foundation for appreciating the role of anthropology in understanding, responding to, and preparing for climate change.	Sustainability Course		
Sum I 2016	ANTH266	Undergraduate	Changing Climate, Changing Cultures	Explore past, present, and future interactions between humans and climate. Discussions, methods-oriented activities, and case study analyses provide students a foundation for appreciating the role of anthropology in understanding, responding to, and preparing for climate change.	Sustainability Course		
Winter 2016	ANTH266	Undergraduate	Changing Climate, Changing Cultures	Explore past, present, and future interactions between humans and climate. Discussions, methods-oriented activities, and case study analyses provide students a foundation for appreciating the role of anthropology in understanding, responding to, and preparing for climate change.	Sustainability Course		
Fall 2016	ANTH322		Method and Theory in Ecological Anthropology	A theoretical consideration of ecological anthropology, focusing on issues related to cooperation, the management of common property, resilience, and sustainability. Explores the methods of sociocultural anthropology, including ethnology, evolutionary game theory and agent-based modeling; and natural-science approaches including behavioral and			
		Undergraduate		systems ecology.	Sustainability Course		
Foll 2016			Ask-concluses of two/wignetics and Haulth	The United Nations estimates that some 2.30 million people around the world are migrants who live outside their country of birth. This course focuses on these migrant populations, considering the implications of movement across borders and settlement in new societies on their health and well-being. We will investigate the social, political, and economic structures that shape disease and illness and produce differential access to health care for migrants. Within that context, we will explore the health effects of migration itself and particular health conditions from which migrants suffer. We will also examine how migrants interface with differently configured health care systems as well as strategies they and their adventue to a to eccente health end well being.	Course w/ sustainability		
rdii 2010 Fall 2016		undergraduate	Anthropology of Im/Inigration and Health Hypermarginality and Health Inequity	auvocates use to promote medical and urban anthropology, we examine the phonomenon of			
Fall 2016	ANTH412	Undergraduate	Hypermarginality and Health inequity	Using perspectives from medical and urban anthropology, we examine the phenomeno of hypermarginalitythe clustering of extreme poverty, chronic disease, addiction, violence and trauma in certain social and spatial contexts, often urban. We will explore both the broader social, political, and economic structures of exclusion that produce hypermarginality, as well as the illness experiences associated with these conditions. As we consider both social suffering and the related institutional responses, we will also discuss the role of anthropological approaches in national discussions about health inequities.	Course w/ Sustainability		
Spring 2016	ANTH450	Understand of	Theory and Practice of Environmental Anthropology	An overview of contemporary application of cultural theory and methods to environmental problems. Topics include the use of theories of culture, cognitive approaches, discourse analysis, and political ecology. Case studies from anthropology, other social sciences, humanities, conservation, and environmental history are used to demonstrate the applied using a few threat environmental history.	Sustainability Course		
Fall 2016	ANTH451	Undergraduate	Environmental Archaeology	A survey of the archaeological materials of North and South America with emphasis on chronological and regional interrelationships.	Course w/ Sustainability		

Term	Course Code	Level	Course Title	Course Description	Course Type		
Fall 2016	ANTH452	Undergraduate	Anthropology and Climate Change	Human activities now influence ongoing global climatic change, and the outcome remains uncertain for communities and cultures around the world. This interaction between humans and climate provides a rich area of study for anthropologists in an interdisciplinary context. Case studies of historic and contemporary evidence will be used to understand impacts of global climate change and assess opportunities and barriers to successful responses and adaptation.	Sustainability Course		
Spring 2016	ANTH452	Undergraduate	Anthropology and Climate Change	Human activities now influence ongoing global climatic change, and the outcome remains uncertain for communities and cultures around the world. This interaction between humans and climate provides a rich area of study for anthropologists in an interdisciplinary context. Case studies of historic and contemporary evidence will be used to understand impacts of global climate change and assess opportunities and barriers to successful responses and adaptation.	Sustainability Course		
Fall 2016	ANTH456	Undergraduate	Conservation and Indigenous People in South America	Considers indigenous peoples and their relation to the lands on which they live, issues of traditional indigenous knowledge and land management as well as new contributions by indigenous peoples to changing landscapes. Reviews legal mechanisms and instruments through which indigenous peoples have rights to the resources they occupy and utilize. Taking specific cases and examining them through the lens of political and social ecology, tthe role of indigenous peoples in local and worldwide conservation efforts is considered. Case studies will emphasize the indigenous peoples and conservation policies of Latin America.	Sustainability Course		
5-11 2016			Special Topics in Cultural Anthropology: Researching Environment and	i n/a	Custo in a bility Course		
Spring 2016	ANTH4600/6	W #REF!	Culture Health Disparities in the United States	Powerful economic, political, social, and cultural forces shape who gets sick, what illnesses/diseases they get, how they are treated while seeking care, what treatment options they have, and what their ultimate health outcomes are. The goal of the course is to understand these processes through the lens of critical medical anthropology	Course w/ Sustainability		
Spring 2016	ANTH464	Undergraduate	Anthropology of Cultural Heritage	Explores anthropological approaches to economic development, particularly the new sub- field of sustainable development. Examines the local-level social, political and economic consequences of development and the potential for grass roots strategies to manage resources.	Sustainability Course		
				Provides a critical perspective to global health that encompasses key political, economic, and cultural factors associated with the nature and magnitude of global health issues such as HIV/AIDS, tuberculosis and malaria, paying particular attention to how poverty and inequalities within and between societies has accelerated current global health challenges. Introduces students to how medical anthropologists have contributed to the debates			
Spring 2016	ANTH465	Undergraduate	Method & Theory in Medical Anthropology and Global Health	surrounding the globalization of health. An exploration of the cultural, social, economic and political dimensions of health, disease, and illness. These dimensions will be examined through both the health-seeker's and the	Course w/ Sustainability Course w/ Sustainability		
Fall 2016	ANTH472	Undergraduate	Medical Anthropology	care-provider's perspectives.			
Fall 2016	ANTH611	Graduate	Anthropology of Im/migration and Health	The United Nations estimates that some 230 million people around the world are migrants who live outside their country of birth. This course focuses on these migrant populations, considering the implications of movement across borders and settlement in new societies on their health and well-being. We will investigate the social, political, and economic structures that shape disease and illness and produce differential access to health care for migrants. Within that context, we will explore the health effects of migration itself and particular health conditions from which migrants suffer. We will also examine how migrants interface with differently configured health care systems as well as strategies they and their advocates use to promote health and well-being.	Course w/ Sustainability		
Fall 2016	ANTH612		Hypermarginality and Health Inequity	Using perspectives from medical and urban anthropology, we examine the phenomenon of hypermarginalitythe clustering of extreme poverty, chronic disease, addiction, violence and trauma in certain social and spatial contexts, often urban. We will explore both the broader social, political, and economic structures of exclusion that produce hypermarginality, as well as the illness experiences associated with these conditions. As we consider both social suffering and the related institutional responses, we will also discuss			
		Graduate		the role of anthropological approaches in national discussions about health inequities.	Course w/ Sustainability		
5-11 DO1 C			And the fitness to fine the fitness in the second	expiores the use of ethnographic research methods in carrying out community assessment research to inform the design, implementation, and evaluation of culturally and community appropriate community-based initiatives. This course usually has a fieldwork component in the land under a single-based.	Course of Court in 1999		
Fall 2016	ANTH617	Graduate	Applied Urban Ethnography: Community Assessment Research	a local urban neignoorhood. Explores the use of ethnographic research methods in carrying out community assessment research to inform the design, implementation, and evaluation of culturally and community appropriate community-based initiatives. This course usually has a fieldwork component in	Course w/ Sustainability		
Spring 2016	ANTH617	Graduate	Applied Urban Ethnography: Community Assessment Research	a local urban neighborhood.	Course w/ Sustainability		

Term	Course Code	Level	Course Title	Course Description	Course Type			
Spring 2016	ANTH650	Graduate	Advanced Studies in Theory and Practice of Environmental Anthropology	An overview of contemporary application of cultural theory and methods to environmental problems. Topics include the use of theories of culture, cognitive approaches, discourse analysis, and political ecology. Case studies from anthropology, other social sciences, humanities, conservation, and environmental history are used to demonstrate the applied value of a cultural-environmental approach.	Sustainability Course			
Fall 2016	ANTH651	Graduate	Environmental Archaeology	An overview of modern environmental archaeology as a tool for the interdisciplinary investigation of past and present global change and to engage the long term past with current issues of sustainability and rapid environmental change.	Sustainability Course			
Fall 2016	ANTH652	Graduate	Anthropology and Climate Change	Human activities now influence ongoing global climatic change, and the outcome remains uncertain for communities and cultures around the world. This interaction between humans and climate provides a rich area of study for anthropologists in an interdisciplinary context. Case studies of historic and contemporary evidence will be used to understand impacts of global climate change and assess opportunities and barriers to successful responses and adaptation.	Sustainability Course			
Spring 2016	ANTH652	Graduate	Anthropology and Climate Change	Human activities now influence ongoing global climatic change, and the outcome remains uncertain for communities and cultures around the world. This interaction between humans and climate provides a rich area of study for anthropologists in an interdisciplinary context. Case studies of historic and contemporary evidence will be used to understand impacts of global climate change and assess opportunities and barriers to successful responses and adaptation.	Sustainability Course			
Fall 2016	ANTH656	Graduate	Conservation and Indigenous People in South America	Considers indigenous peoples and their relation to the lands on which they live, issues of traditional indigenous knowledge and land management as well as new contributions by indigenous peoples to changing landscapes. Reviews legal mechanisms and instruments through which indigenous peoples have rights to the resources they occupy and utilize. Taking specific cases and examining them through the lens of political and social ecology, tthe role of indigenous peoples in local and worldwide conservation efforts is considered. Case studies will emphasize the indigenous peoples and conservation policies of Latin America.	Sustainability Course			
Spring 2016	ANTH663	Graduate	Health Disparities in the United States	Powerful economic, political, social, and cultural forces shape who gets sick, what illnesses/diseases they get, how they are treated while seeking care, what treatment options they have, and what their ultimate health outcomes are. The goal of the course is to understand these processes through the lens of critical medical anthropology	Course w/ Sustainability			
Spring 2016	ANTH665	Graduate	Method & Theory in Medical Anthropology and Global Health	Provides a critical perspective to global health that encompasses key political, economic, and cultural factors associated with the nature and magnitude of global health issues such as HIV/AIDS, tuberculosis and malaria, paying particular attention to how poverty and inequalities within and between societies has accelerated current global health challenges. Introduces students to how medical anthropologists have contributed to the debates surrounding the globalization of health.	Course w/ Sustainability			
Fall 2016	ANTH672	Graduate	Advanced Studies in Medical Anthropology	An exploration of the cultural, social, economic and political dimensions of health, disease, and illness. These dimensions will be examined through both the health-seeker's and the care-provider's perspectives.	Course w/ Sustainability			
				An overview of important approaches to ecological anthropology. Population, systems, community, political, behavioral and evolutionary ecology will be examined as they have been applied to a range of anthropological questions. Complexity theory (nonlinear dynamics) and topics in game theory will also be addressed. Students will map the field of ecological anthropology and to assess the strengths and weaknesses of contemporary				
Spring 2016	ANTH722	Graduate	Ecological Anthropology	approaches, methods and theories. Responsible policy and decision making on issues related to the global environment requires understanding of the basic scientific issues, relationships between the geophysical and biological sciences, the impacts on regional and global endeavors, and the political manner in which humans respond. This course embodies an integrated introduction to the broad	Course w/ Sustainability Course w/ Sustainability			
Fall 2016	AOSC123	Undergraduate	Causes and Implications of Global Change	scientific and social aspects of the global change problem. Responsible policy and decision making on issues related to the global environment requires understanding of the basic scientific issues, relationships between the geophysical and biological sciences, the impacts on regional and global endeavors, and the political manner in which humans respond. This course embodies an integrated introduction to the broad scientific and endeal meants of the albed obscience applied.	Course w/ Sustainability			
Fall 2016	AOSC220	Undergraduate	Weather and Climate	Broad survey of the state of knowledge and problems of atmospheric science. Origin and structure of the atmosphere, meteorological observations, weather maps, forecasting, satellites, energetics, wind, general circulation, storms, severe weather, climate change, air pollution.	Course w/ Sustainability			
Spring 2016	AOSC200	Undergraduate	Weather and Climate	Broad survey of the state of knowledge and problems of atmospheric science. Origin and structure of the atmosphere, meteorological observations, weather maps, forecasting, satellites, energetics, wind, general circulation, storms, severe weather, climate change, air pollution.	Course w/ Sustainability			
Fall 2016	AOSC201	Undergraduate	Weather and Climate Laboratory	Laboratory exercises to supplement AOSC200, including weather observations, weather map analysis, use of the Internet, forecasting practice and climate modeling.	Course w/ Sustainability			

Term	Course Code		Course Title	Course Description	Course Type		
Spring 2016	AOSC201	Undergraduate	Weather and Climate Laboratory	Laboratory exercises to supplement AOSC200, including weather observations, weather map analysis, use of the Internet, forecasting practice and climate modeling.	Course w/ Sustainability		
Eall 2016	A.OSC275	Undergreducte	Introduction to the Plus Ocean	Oceans are an important component of the Earth System and this course builds towards Earth System Science education. Oceanography is an intrinsically interdisciplinary subject with strage connections to actrography with the connection of a connections.	Course w/ Sustainability		
5 11 2010	1000000	under graduate		The application of basic classical physics, chemistry and mathematics the study of the atmosphere. Composition of the atmosphere; energy sources and sinks (radiation in the	Course w/ Sustainability		
Spring 2016	AOSC400 AOSC401	Undergraduate	Physical Meteorology of the Atmosphere Climate Dynamics and Earth System Science	atmosphere; radiative balance and radiative forcing of atmospheric processes); a The global weather and climate system; the natural variability of the atmosphere-ocean- biosphere; carbon cycle and biogeochemistry. Potential human effects: greenhouse effects, deforestation, acid rain, ozone depletion, nuclear winter. Social, political and economic effects of changes in global environment. Policy ontions	Sustainability Course		
Spring 2016	AOSC424	Undergraduate	Remote Sensing of the Atmosphere and Ocean	Many of the properties of the atmosphere, ocean, and land surface are most easily observed from satellite remote sensing. This course will provide students with a hands-on introduction to a variety of passive and active sensing techniques and sensors observing our changing environment. Topics include: orbital dynamics and electromagnetic properties of the atmosphere and surface; atmospheric emission characteristics and scattering; chemical composition and spectroscopy; temperature retrievals; detection and retrieval of aerosol, cloud and rain; ocean surface properties; sea surface temperature and color; active sensing of wind stress, sea level, and internal waves; time-dependent gravity; properties of vegetation and ice.	Course w/ Sustainability		
Spring 2016	AOSC434	Undergraduate	Air Pollution	Production, transformation, transport and removal of air pollutants. The problems of photochemical smog, the greenhouse effect, stratospheric ozone, acid rain and visibility. Analytical techniques for gases and particles.	Sustainability Course		
Fall 2016	AOSC470	Undergraduate	Synoptic Meteorology	Atmospheric properties and observations, meteorological analysis and charts, operational numerical forecasts. Application of quasigeostrophic theory, baroclinic instability, midlatitiude and mesoscale weather systems. Tropical meteorology. Weather forecas	Course w/ Sustainability		
Spring 2016	AOSC617	Graduate	Atmospheric and Oceanic Climate	The general circulation of the atmosphere and oceans, historical perspective, observations, and conceptual models; wind-driven and thermohaline circulation of the oceans. Seasonal cycle and monsoon circulations; interannual to interdecadal climate variability; climate change.	Course w/ Sustainability		
Eall 2016	4050620	Craduate	Physics and Chemistry of the Atmosphere I	Air parcel thermodynamics and stability; constituent thermodynamics and chemical kinetics	. Course w/ Sustainability		
Spring 2016	AOSC661	Graduate	Sustainability Modeling	Suitable for students who are concerned with sustainability issues, have little or no background in computational modeling, but would like to understand what modeling can do to help solve sustainability problems. By exploring a variety of contemporary societal issues (e.g., water scarcity, biodiversity loss, energy dependence), you will be introduced to modeling approaches for simulating and quantitatively understanding sustainability variables (inputs and outputs), and using modeling towards the design of policy measures that can be implemented as a response to such issues.	Sustainability Course		
Fall 2016	AOSC663	Craduate	Water and Climate Systems	Focuses on exploring options for adaptation and building resilience to the possible impacts of climate change through an interwoven understanding of the physical, biological, social, cultural, economic and institutional constraints of water resources issues and consideration of climate-callated cities in the management and decision-metion process.	Sustainability Course		
Fall 2016	AOSC680	Graduate	Introduction to Earth System Science	An introduction to the study of the earth as a system: atmosphere, oceans, land, cryosphere, solid earth, and humans. Cycling of materials and energy in the earth system: the energy cycle, the hydrologic cycle, the carbon cycle, the nitrogen cycle. Climate processes and variability: land-atmosphere, ocean-atmosphere, biosphere-climate, and human interactions, short- and long-term variability in climate.	Course w/ Sustainability		
Spring 2016	4050684	Craduata	Climate System Modeling	Fundamentals in building computer models to simulate the components of the climate system: atmosphere, ocean ice, land-surface, terrestrial and marine ecosystems, and the biogeochemical cycles embedded in the physical climate system, in particular, the carbon cycle. Simple to state-of-the-art research models to tackle problems such as the Daisy World FL biog and global warming.	Course w/ Sustainability		
5pmg 2016	ADCU170	Undergreducte	Decign Thinking and Architecture	Examines conceptual, perceptual, behavioral, and technical aspects of the built			
raii 2010	ARCH1/U	undergraduate		environment, and methods or analysis, problem-Solving, and design implementation. Case studies and hands-on design projects ranging in scale from a product to a building to give students insight into the process by which architects work both individually and collaboratively to put disciplinary knowledge and expertise into practice to shape our built	Course w/ Sustainability		
Fall 2016	ARCH270	Undergraduate	Design in Practice	environment.	Course w/ Sustainability		

Term	Course Code	Level	Course Title	Course Description	Course Type		
Spring 2016			Boonlo Blanct and Brofit: Building Sustainable Blaces	An introduction to the four disciplines represented in the School: architecture and urban			
Shing 2010	ANCH2/1		reopie, rialiet, and riolit. Building Sustainable riaces	An introduction to the four disciplines represented in the School, architecture and urban			
				design, community planning, historic preservation, and real estate development, that work			
				to create a more sustainable environment for the future to create a more sustainable			
				environment for the future using our interpretation of the quadruple bottom line: socio-			
				cultural, economic, environmental, and design sustainability. Students will be provided with			
				an understanding of the fundamental scholarship and processes of each of these disciplines			
				and examine the intersections between them. Additionally, they will learn by applying the			
		Undergraduate		approaches of the four disciplines through a series of field studies.	Sustainability Course		
Spring 2016	ARCH289I	Undergraduate	Sustainability at College Park	No description available or on Testudo	Sustainability Course		
		onder gradate		Continuation of ABCH 400 with introduction to building typology urban and contextual			
Spring 2016	ARCH401	Undergraduate	Architecture Studio II	issues design of the vertical surface and architectural interiors	Course w/ Sustainability		
5pmg 2010	Anch401	Under graduate	Architecture Studio II	Architectural design studie with emphasis on huilding and feede tunclaries, the	course wy sustainability		
				Architectural design studio with emphasis on bunding and racade typologies, the			
				development of architectural promenade and sequence, public and/or civic infini buildings			
				dependent upon the architectural promenade, and urban nousing types of varying densities.			
5 11 2016				The architect's obligations to urban context are explored in many dimensions including			
Fall 2016	ARCH402	Undergraduate	Architecture Design Studio III	historical, typological, and physical.	Course w/ Sustainability		
Spring 2016	ARCH403		Architecture Studio IV	Investigations into the relationship between the man-made and the natural world including	Sustainability Course		
				introductory issues of assembly and material value. Design of the site and the building are			
				combined into an integral process delimiting and probing the boundaries of each and			
				exploring their reciprocal relationship. The architect's obligations to the natural and urban			
				contexts are explored in many dimensions including historical, typological, environmental,			
		Undergraduate		and physical.			
				Architectural design studio with emphasis on building and facade typologies, the			
				development of architectural promenade and sequence, public and/or civic infill buildings			
				development of architectural promentate and sequence, public and/or efficient mini balangs			
				The architect's chligations to urban context are evaluated in many dimensions including			
				The architect s obligations to urban context are explored in many dimensions including			
Spring 2016	ARCH405	Undergraduate	Graduate Architecture Design Studio II	historical, typological, and physical. Offered spring only.	Course w/ Sustainability		
Fall 2016	ARCH406		Graduate Architecture Design Studio III	Investigations into the relationship between the man-made and the natural world including	Sustainability Course		
				introductory issues of assembly and material value. Design of the site and the building are			
				combined into an integral process delimiting and probing the boundaries of each and			
				exploring their reciprocal relationship. The architect's obligations to the natural and urban			
				contexts are explored in many dimensions including historical, typological, environmental,			
		Undergraduate		and physical.			
Spring 2016	ARCH407	Ŭ	Graduate Architecture Design IV	Studio problems and theories concentrating on urbanism and urban design techniques.			
			5	Issues and sites range from high-density urban in-fill to suburban and greenfield			
				development in American and other contexts. Studio theories explore such tonics as			
				Contextualism Neo-Traditional design Transit Oriented Development density sustainable			
		Undergraduete		development, huilding typology, and streat design	Suctainability Course		
E-11 201C	4.0.011420	Under graduate	Managements - Constanting billion in Analytic strengt	Chudies metrics of sustainability as included in action standards including LEED. All students	Sustainability Course		
Fall 2016	AKCH430		Measuring Sustainability in Architecture	Studies metrics of sustainability as included in rating standards, including LEED. All students	Sustainability Course		
		Undergraduate		will take the LEED GA test.			
Spring 2016	ARCH430		Measuring Sustainability in Architecture	Studies metrics of sustainability as included in rating standards, including LEED. All students	Sustainability Course		
		Undergraduate		will take the LEED GA test.			
Spring 2016	ARCH461		Sustainability in Architecture	Strategies of sustainability as related to the broader context of architectural problem	Sustainability Course		
		Undergraduate		solving.			
Spring 2016	ARCH470	Undergraduate	Computer Applications in Architecture	n/a	Course w/ Sustainability		
				Introduction to computer utilization, with emphasis on architectural applications. Students			
				work on a project for a local municipality through the Partnership for Action Learning in			
Summer 201	6 ARCH470	Undergraduate	Computer Applications in Architecture	Sustainability.	Course w/ Sustainability		
		onder gradate		Tonical architectural design studio with concentration on advanced tonical inquiry	Sustainability Course		
				addressing but not limited to architectural competitions, sustainable design	contained and the course		
Coring 2016	ADCUC01	Conducto	Tanical Studio	theoretics/conceptual issues, programmatic, contentual, and/or technical issues			
Spring 2010	ARCHOUL	Graduate	Coloria Studio	The neuron will include an exercise the of exercise title and/or technical issues.	Course ou / Custo in a bility		
Sum 1 2016	ARCH6/8K	Graduate	Selected Topics in Architecture	The course will include an examination of current literature in this field. Faculty for this course	s Course w/ Sustainability		
Fall 2016	ARCH700		Advanced Urban Design Studio VII	Studio problems and theories concentrating on urbanism and urban design techniques.			
				Issues and sites range from high density urban in-fill to suburban and greenfield			
				development in American and other contexts. Studio theories explore such topics as			
				Contextualism, Neo-Traditional design, Transit-Oriented Development, density, sustainable			
		Graduate		development building typology, and street design.	Course w/ Sustainability		
Fall 2016	AREC200		The Chesapeake Bay Ecosystem: Intersection of Science, Economics,	The Chesapeake Bay is one of the most studied and monitored ecosystems in the world. To	Sustainability Course		
			and Policy	develop effective policies to restore this system to a healthier status requires integrating			
				what we know about the biological and physical properties of the system with our			
				understanding of the human dimension. Issues such as achieving nutrient reduction goals			
				restoring healthy blue crab and ovster fisheries in the bay will be used to demonstrate how			
				economics interacts with science to guide policies that can be effective in achieving Pay			
		Undonenalis - * -		restoration goals			
		undergraddate		restoration goals.			

Term	Course Code	Level	Course Title	Course Description	Course Type			
Spring 2016	AREC240	Undergraduate	Introduction to Economics and the Environment	Costs and social impacts of pollution and human crowding in the modern environment. The economic, legal and institutional causes of these problems. Public policy approaches to solutions and the costs and henefits of alternative solutions	Sustainability Course			
Fall 2016	AREC306	Undergraduate	Farm Management and Sustainable Food Production	The organization and operation of farm businesses are explored through principles of management, financial analysis, production economics, marketing, and business planning. These farm management principles are presented in the context of a sustainable food production system.	Sustainability Course			
Fall 2016	AREC345	Undergraduate	Global Poverty and Economic Development	This interdisciplinary course explores social and economic development around the world. Topics include geography, democratization, political instability and conflict, health and education, agricultural development, micro-entrepreneurship, and an introduction to impact evaluation methods used to evaluate the efficacy of public policy aimed at alleviating poverty.	Sustainability Course			
Fall 2016	AREC365	Undergraduate	World Hunger, Population, and Food Supplies	An introduction to the problem of world hunger and possible solutions to it. World demand, supply, and distribution of food. Alternatives for leveling off world food demand, increasing the supply of food, and improving its distribution. Environmental limitations to increasing world food production.	Sustainability Course			
Spring 2016	AREC365	Undergraduate	World Hunger, Population, and Food Supplies	An introduction to the problem of world hunger and possible solutions to it. World demand, supply, and distribution of food. Alternatives for leveling off world food demand, increasing the supply of food, and improving its distribution. Environmental limitations to increasing world food production.	Sustainability Course			
Fall 2016	AREC399	Undergraduate	Special Problems	Concentrated reading and study in some phase of a problem in agricultural and/or natural resource economics.	Course w/ Sustainability			
Spring 2016	AREC399	Undergraduate	Special Problems	Concentrated reading and study in some phase of a problem in agricultural and/or natural resource economics.	Course w/ Sustainability			
Sum I 2016	AREC399	Undergraduate	Special Problems	Concentrated reading and study in some phase of a problem in agricultural and/or natural resource economics.	Course w/ Sustainability			
Fall 2016	AREC433	Undergraduate	Food and Agricultural Policy	Economic and political context of governmental involvement in the farm and food sector. Historical programs and current policy issues. Analysis of economic effects of agricultural programs, their benefits and costs, and comparison of policy alternatives. Analyzes the interrelationship among international development, agricultural trade and general economic and domestic agricultural policies.	Course w/ Sustainability			
Fall 2016	AREC453	Undergraduate	Natural Resources and Public Policy	Rational use and reuse of natural resources. Theory, methodology, and policies concerned with the allocation of natural resources among alternative uses. Optimum state of conservation, market failure, safe minimum standard, and cost-benefit analysis.	Sustainability Course			
Fall 2016	AREC455	Undergraduate	Economics of Land Use	Fundamentals of location theory. Microeconomics of land use decisions, including determination of rent and hedonic pricing models. Impacts of government decisions on land use, including regulation (e.g., zoning), incentives (transferable development rights), provision of public services, and infrastructure investments. Impacts of land use on environmental quality, including issues relating to sprawl, agricultural land preservation, and other topics of special interest	Course w/ Sustainability			
Spring 2016	AREC456	Undergraduate	Energy and Environmental Economics	Economic theory and empirical methods are used to study problems of energy, the environment, and the economy. It examines the extraction, production, and use of energy and market institutions and regulatory approaches used to correct market failures. Topics covered include: oil and natural gas markets, management and design of electricity markets, renewable energy, non-market valuation, climate change, and transportation policies.	Sustainability Course			
Spring 2016	AREC489N	Undergraduate	Special Topics in Agricultural and Resource Economics	A Partnership for Action Learning in Sustainability (PALS) course where students apply classroom learning to actual community needs.	Course w/ Sustainability			
Spring 2016		Understeidungen	Special Tables in Agricultural and Persurge Economics	Economics of Local Agriculture: Innovative Food Distribution Channels: A Partnership for Action Learning in Sustainability (PALS) course where students apply classroom learning to actual community acade	Course w/ Sustainability			
5pmg 2010	AREC405F	under graddate		Applications of graduate level microeconomic analysis to the problems of agricultural and natural resource production and distribution including demand for agricultural output, the nature of agricultural supply decisions, decision making under uncertainty, valuation of	Course w/ Sustainability			
Spring 2016 Fall 2016	AREC610 AREC620	Graduate	Microeconomic Applications in Agricultural and Resource Markets Optimization in Agricultural and Resource Economics	natural resources, and exploitation of natural resources. Mathematical theory of static and dynamic optimization as applied to the economics of agriculture, natural resources and the environment. Topics include necessary and sufficient conditions for constrained optimization, convexity and concavity, duality and the envelope theorem, comparative statics, fixed point theorems, optimal control theory and dynamic programming.	Course w/ Sustainability			
Spring 2016	ADEC703	Graduata	Environmental Tavation and Regulation	The economics of policies to address environmental externalities. Specific topics include the theory of public goods and externalities, cost-benefit and cost-effectiveness analysis of environmental regulations, regulatory instrument choice under uncertainty, environmental policy in an economy with pre-existing tax distortions, monitoring and enforcement of environmental regulations, distributional effects of environmental policy, and regulation of intertomencel externalities.	Course w/ Sustainability			
opring 2010		u auuale	entriestal ravation and hegalation	intercomportal externations.				

Term	Course Code	Level	Course Title	Course Description	Course Type		
Fall 2016	AREC785		Advanced Economics of Natural Resources	The use of exhaustible and renewable natural resources from normative and positive points	Sustainability Course		
				of view. Analysis of dynamic resource problems emphasizing energy, mineral, groundwater,			
				forestry, and fishery resources; optimal, equilibrium, and intergenerational models of			
		Graduate		resource allocation.			
				Development economics with focus on issues applicable to rural development and			
				agriculture in developing countries. Content includes both theory and empirical application			
				of theory. Subjects covered include economics of agricultural households, credit and			
				insurance markets, technological progress and learning and institutional economics of			
Fall 2016	AREC846	Graduate	Development Microeconomics	developing countries.	Course w/ Sustainability		
				Development economics with focus on issues applicable to rural development and			
				agriculture in developing countries. Content includes both theory and empirical application			
				of theory. Subjects covered include economics of agricultural households, credit and			
Spring 2016	AREC846	Craduata	Development Microeconomics	developing countries	Course w/ Sustainability		
Spring 2010	ARECo40	Graduate	Development withdeconomics	Painting sculpture architecture and decorative arts in North America from the colonial	Course wy Sustainability		
				period to 1876. The course will include an examination of current literature in this field			
				Eaculty for this course completed the Sustainable Teaching Fellows Workshop and revised			
Fall 2016	ARTH360	Undergraduate	History of American Art to 1877	this course to include a sustainability-related unit or project.	Course w/ Sustainability		
Spring 2016	ARTH389G	Undergraduate	Special Topics in Art History and Archaeology	The course will include an examination of current literature in this field. Faculty for this course	s Course w/ Sustainability		
Fall 2016	ARTT340		Elements of Printmaking: Intaglio	Concepts and fundamental processes related to etching, aquatint, and drypoint. Faculty for			
				this course completed the Sustainable Teaching Fellows Workshop and revised this course			
		Undergraduate		to include a sustainability-related unit or project.	Course w/ Sustainability		
Spring 2016	ARTT340	, in the second s	Elements of Printmaking: Intaglio	Concepts and fundamental processes related to etching, aquatint, and drypoint. The course			
				will include an examination of current literature in this field. Faculty for this course			
				completed the Sustainable Teaching Fellows Workshop and revised this course to include a			
		Undergraduate		sustainability-related unit or project.	Course w/ Sustainability		
				Creation of a comprehensive professional portfolio. Curriculum includes portfolio			
				preparation and presentation, contracts, copyright issues, interviewing skills, resume and			
				cover-letter writing, design briefs and proposals, and freelance business issues. Portfolio			
				presentation includes basics of book arts. The course will include an examination of current			
				literature in this field. Faculty for this course completed the Sustainable Teaching Fellows			
Spring 2016	ARTT459	Undergraduate	Graphic Design Portfolio	Workshop and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability		
				Introduction to the functions and interactions of biological systems from a quantitative			
				perspective. Introduction to the modern experimental techniques and methods of data			
				analysis. Roles for bloengineers in blology, and the role of blology in bloengineering will be			
Fall 2016	BIOE120	Undorgraduato	Biology for Engineers	and revised this course to include a sustainability-related unit or project	Course w/ Sustainability		
1 811 2010	DIOLIZO	ondergraduate	blology for Engineers	Introduction to the functions and interactions of biological systems from a quantitative	Course wy Sustainability		
				nerspective. Introduction to the modern experimental techniques and methods of data			
				analysis. Roles for bioengineers in biology, and the role of biology in bioengineering will be			
				elucidated. The course will include an examination of current literature in this field. Faculty			
				for this course completed the Sustainable Teaching Fellows Workshop and revised this			
Spring 2016	BIOE120	Undergraduate	Biology for Engineers	course to include a sustainability-related unit or project.	Course w/ Sustainability		
				Introduction to the functions and interactions of biological systems from a quantitative			
				perspective. Introduction to the modern experimental techniques and methods of data			
				analysis. Roles for bioengineers in biology, and the role of biology in bioengineering will be			
				elucidated. The course will include an examination of current literature in this field. Faculty			
				for this course completed the Sustainable Teaching Fellows Workshop and revised this			
Sum I 2016	BIOE120	Undergraduate	Biology for Engineers	course to include a sustainability-related unit or project.	Course w/ Sustainability		
Fall 2016	BMGT289A		Social Enterprise: Changing the World through Innovation and	Thousands of individuals are inventing creative new approaches to social change, the tools			
			I ransformative Action	of business to build lasting solutions. Where do social entrepreneurs come from? How do			
				they develop their passion for changing the world? Can anyone become a social			
				charge preneuring this course looks at the history and theory of social change, reviews the charge strategies and ideas of effective change agents and gives students the tools to create			
		Undergraduate		a blueprint for their ideas for social transformation	Course w/ Sustainability		
Spring 2016	BMGT289A	Shuer grauuate	Social Enterprise: Changing the World through Innovation and	Thousands of individuals are inventing creative new approaches to social change, the tools	course wy sustainability		
5pmg 2010	511151203A		Transformative Action	of business to build lasting solutions. Where do social entrepreneurs come from? How do			
				they develop their passion for changing the world? Can anyone become a social			
				entrepreneur? This course looks at the history and theory of social change, reviews the			
				skills, strategies, and ideas of effective change agents and gives students the tools to create			
		Undergraduate		a blueprint for their ideas for social transformation.	Course w/ Sustainability		

Term	Course Code	Level	Course Title	Course Description	Course Type		
				Comprehensive overview of information systems (IS), which explores the strategic and			
				tactical nature of IS. The basic concepts in analyzing and designing information systems for			
				business applications will be presented. Aspects of data management such as databases.			
				data warehousing, data analysis, and data mining will be analyzed, and the basics of web			
				page and web site design will be outlined. Students will also be introduced to modern			
				information systems infrastructure such as telecommunications, networks, and information			
Fall 2016	BMGT301	Undergraduate	Introduction to Information Systems	systems security. Knowledge of Excel or a similar spreadsheet tool.	Course w/ Sustainability		
		0		Comprehensive overview of information systems (IS), which explores the strategic and			
				tactical nature of IS. The basic concepts in analyzing and designing information systems for			
				business applications will be presented. Aspects of data management such as databases,			
				data warehousing, data analysis, and data mining will be analyzed, and the basics of web			
				page and web site design will be outlined. Students will also be introduced to modern			
				information systems infrastructure such as telecommunications, networks, and information			
Spring 2016	BMGT301	Undergraduate	Introduction to Information Systems	systems security. Knowledge of Excel or a similar spreadsheet tool.	Course w/ Sustainability		
				The course will include an examination of current literature in this field. Faculty for this			
				course completed the Sustainable Teaching Fellows Workshop and revised this course to			
				include a sustainability-related unit or project. The course will include an examination of			
				current literature in this field. Faculty for this course completed the Sustainable Teaching			
Fall 2016	BMGT350H	Undergraduate	Marketing Principles and Organization	Fellows Workshop and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability		
				Addresses the management of new products and services with a focus on the innovation			
				process, specifically the development and launching of new products or services:			
Spring 2016	BMGT352	Undergraduate	Customer-Centric Innovation	Opportunity Identification, Concept Generation, Design, Testing and Launch.	Course w/ Sustainability		
				Addresses the management of new products and services with a focus on the innovation			
				process, specifically the development and launching of new products or services:			
Sum I 2016	BMGT352	Undergraduate	Customer-Centric Innovation	Opportunity Identification, Concept Generation, Design, Testing and Launch.	Course w/ Sustainability		
				Provides students with the basic knowledge needed to help organizations attract, select,			
				develop, engage, evaluate, and retain talent. Topics covered may include strategic HRM, the			
				role of globalization, legal issues in HRM, work analysis, HR planning, recruitment, personnel			
				selection, performance management and appraisal, training and development, career			
				development, compensation systems, motivating and rewarding performance, labor			
Fall 2016	BMGT360	Undergraduate	Strategic Management of Human Capital	relations, and employee health and safety.	Course w/ Sustainability		
				Provides students with the basic knowledge needed to help organizations attract, select,			
				develop, engage, evaluate, and retain talent. Topics covered may include strategic HRM, the			
				role of globalization, legal issues in HRM, work analysis, HR planning, recruitment, personnel			
				selection, performance management and appraisal, training and development, career			
				development, compensation systems, motivating and rewarding performance, labor			
Spring 2016	BMGT360	Undergraduate	Strategic Management of Human Capital	relations, and employee health and safety.	Course w/ Sustainability		
Fall 2016	BMGT370		Introduction to Transportation	An overview of the transportation field with an emphasis on freight movements from the	Sustainability Course		
				perspective of both providers of capacity and users of freight services. Examines the			
				characteristics of the freight modes and the role of each mode as a major component of			
				logistics and supply chain management. Explores the economics, energy use, and finances of			
				each mode as well as the impact of government policies on each mode's future. Discussion			
				of infrastructure and capacity needs of the transportation system and its ability to support			
		Undergraduate		the economy.			
Spring 2016	BIVIG1370		introduction to Transportation	An overview of the transportation field with an emphasis on freight movements from the	Sustainability Course		
				perspective or both providers or capacity and users or freight services. Examines the			
				characteristics of the freight modes and the role of each mode as a major component of			
				logistics and supply chain management. Explores the economics, energy use, and mances of			
				of infractructure and canacity needs of the transportation system and its ability to support			
		Undergraduete		the economy			
		Undergraduate		Studies the design management and improvement of a firm's processes an systems for			
				creation and delivery of products and services. Includes strategic and operational views of			
				supply chain product development and capacity analysis highlighting the competitive			
Fall 2016	BMGT385	Undergraduato	Operations Management	advantages that operations management can provide the firm	Course w/ Sustainability		
. 011 2010	51101303	onuel graduate	operations management	Studies the design management and improvement of a firm's processes an systems for	course wy sustainability		
				creation and delivery of products and services. Includes strategic and operational views of			
				supply chain, product development, and capacity analysis, highlighting the competitive			
Spring 2016	BMGT385	Undergraduate	Operations Management	advantages that operations management can provide the firm.	Course w/ Sustainability		
Spring 2016	BMGT468W	Undergraduate	Special Topics in Management and Organization	This course is part of the Partnership for Action Learning in Sustainability. Projects and/or up	i Course w/ Sustainability		
				Analysis of the resupply activities of logistics management, including purchasing policies	Sustainability Course		
				transportation planning, and inventory control. Attention is directed toward total cost			
				minimization and the establishment of a sustainable competitive advantage based on			
Fall 2016	BMGT472	Undergraduate	Purchasing and Inbound Logistics	procurement.			

Term	Course Code	Level	Course Title	Course Description	Course Type			
Term	course coue	Level		Analysis of the resupply activities of logistics management, including purchasing policies, transportation planning, and inventory control. Attention is directed toward total cost	Sustainability Course			
Spring 2016	BMGT472	Undergraduate	Purchasing and Inbound Logistics	minimization and the establishment of a sustainable competitive advantage based on procurement.				
				A case-based course where students learn to play the role of the "strategic manager" who				
				defines the scope of its business operations and within the chosen scope how the firm will				
				compete against rivals. This course focuses on how a firm can both formulate effective				
				business level and corporate level strategies to achieve competitive advantage. The course				
				business-level and corporate-level strategies to achieve competitive advantage. The course				
				will include an examination of current literature in this field. Faculty for this course				
				completed the Sustainable Teaching Fellows Workshop and revised this course to include a				
Fall 2016	BMGT495	Undergraduate	Strategic Management	sustainability-related unit or project.	Course w/ Sustainability			
				A case-based course where students learn to play the role of the "strategic manager" who				
				defines the scope of its business operations and, within the chosen scope, how the firm will				
				compete against rivals. This course focuses on how a firm can both formulate effective				
				business-level and corporate-level strategies to achieve competitive advantage. The course				
				will include an examination of current literature in this field. Faculty for this course				
				completed the Sustainable Teaching Fellows Workshop and revised this course to include a				
Spring 2016	BMGT495	Undergraduate	Strategic Management	sustainability-related unit or project.	Course w/ Sustainability			
				A case-based course where students learn to play the role of the "strategic manager" who	, ,			
				defines the scope of its husiness operations and within the chosen scope how the firm will				
				dennes the scope of its business operations and, within the chosen scope, now the mini with				
				compete against rivals. This course rocuses on now a ninh can both formulate effective				
				business-level and corporate-level strategies to achieve competitive advantage. The course				
				will include an examination of current literature in this field. Faculty for this course				
				completed the Sustainable Teaching Fellows Workshop and revised this course to include a				
Sum I 2016	BMGT495	Undergraduate	Strategic Management	sustainability-related unit or project.	Course w/ Sustainability			
Fall 2016	BMGT496		Business Ethics and Society	A study of the standards of business conduct, morals and values as well as the role of				
				business in society with consideration of the sometimes conflicting interests of and claims				
				on the firm and its objectives. Emphasizes a strategic approach by business to the				
				management of its external environment. This course is approved for the Sustainability				
		Undergraduate		Studies Minor.	Course w/ Sustainability			
Spring 2016	BMGT496	0	Business Ethics and Society	A study of the standards of business conduct, morals and values as well as the role of				
				husiness in society with consideration of the sometimes conflicting interests of and claims				
				on the firm and its objectives. Emphasizes a strategic approach by business to the				
				management of its ovternal environment. This course is approved for the Sustainability				
		Undependent		Studies Miner	Course w/ Sustainability			
		under graduate		An interduction to use down biology for the new estimate project Maties the special shade	Course w/ Sustainability			
				An introduction to modern biology for the non-science major. Major themes include				
				molecular biology, cell biology, evolution and organismal biology. Relevance of study of				
Spring 2016	BSCI103	Undergraduate	The World of Biology	biology to modern human life will be emphasized.	Course w/ Sustainability			
				Basic principles of biology with special emphasis on organismal, ecological and evolutionary				
Spring 2016	BSCI106	Undergraduate	Principles of Biology II	biology.	Course w/ Sustainability			
				Basic principles of biology with special emphasis on organismal, ecological and evolutionary				
Sum I 2016	BSCI106	Undergraduate	Principles of Biology II	biology.	Course w/ Sustainability			
				A study of the life history, behavior and seasonal activities of the honeybee, its place in				
				pollination of flowers with emphasis on plants of economic importance and bee lore in				
Fall 2016	BSCI121	Undergraduate	Beekeeping	literature.	Course w/ Sustainability			
Spring 2016	BSCI124	onder gradate	Plant Biology for Non-Science Students	A basic course in plant biology specifically designed for the non-science student. Emphasis is	Course w/ Sustainability			
Spring 2010	B3CI124		Fiant Biology for Non-Science Students	A basic course in plant biology specifically designed for the non-science student. Emphasis is	Course w/ Sustainability			
				praced on an evolutionally and ecological approach to studying rundamental concepts and				
				processes of plants, their place in the biosphere, the importance of plants to mail, and the				
				manner in which humans impact on plants and their environment. This course will not count				
				toward graduation requirements for any student in Biological Sciences, Chemistry,				
		Undergraduate		Biochemistry or the College of Agriculture and Natural Resources.				
				An introduction to the biology of plants with emphasis on the processes by which plants	Course w/ Sustainability			
				function, the diversity of plants, and the importance of plants to humans. This course will				
				not count toward graduation requirements for any student in Biological Sciences, Chemistry,				
Spring 2016	BSCI125	Undergraduate	Plant Biology Laboratory	Biochemistry or the College of Agriculture and Natural Resources. CORE Lab Science.				
Fall 2016	BSCI135		Amazing Green: Plants that Transformed the World	An interactive way to learn about plants and science, focusing on how plants have changed				
		Undergraduate		human history, the biology of their growth, and the science behind their use.	Course w/ Sustainability			
Sum   2016	BSCI135		Amazing Green: Plants that Transformed the World	An interactive way to learn about plants and science focusing on how plants have changed	,			
23		Undergraduate		human history, the biology of their growth, and the science behind their use	Course w/ Sustainability			
Fall 2016	BSCI160	Undergraduate	Principles of Ecology and Evolution	Basic principles of hiology with special emphasis on ecological and evolutionary hiology	Course w/ Sustainability			
. 011 2010	5561100	sinuer grauuate	remained of Ecology and Evolution	Basic laboratory principles of biology with special omphasis on ecological and evolutionally biology.	course wy sustainability			
Fall 2016	DSCI1C1	Underserved and	Bringiples of Ecology and Evolution Lab	balony	Course w/ Sustainability			
Fall 2010	DSCI101	undergraduate	Principles of Ecology and Evolution Lab	Dididgy.	Course w/ Sustainability			
Fall 2010	DSCI101C	undergraduate	Principles of Ecology and Evolution Lab		Course w/ Sustainability			
raii 2016	R2CI1012	undergraduate	Principles of Ecology and Evolution Lab		Course w/ Sustainability			

Term	Course Code	Level	Course Title	Course Description	Course Type
				This course examines the biological foundations for human biological diversity. The basic	
				premise of the course is that modern knowledge in biology rejects the idea of race as being	
				biologically meaningful. People do vary along many biological dimensions, but race is not a	
				good way to understand this variation. Modern biological research replaces the idea of race	e
				with the existence of genomic phylogenetic groups. That phrase may seem mysterious and	
				obscure to you, but by the end of the semester you should understand how phylogenetic	
				genomics and modern biological science explain human biological diversity and the	
Fall 2016	BSCI189I	Undergraduate	Beyond Race: Human Biological Diversity	inadequacy of ideas of race	Course w/ Sustainability
Fall 2016	BSCI279B	Undergraduate	Supplemental Study	The course will include an examination of current literature in this field. Faculty for this course	rrs Course w/ Sustainability
Fall 2016	BSCI279P	Undergraduate	Supplemental Study	The course will include an examination of current literature in this field. Faculty for this course	rrs Course w/ Sustainability
Spring 2016	BSCI279P	Undergraduate	Supplemental Study	The course will include an examination of current literature in this field. Faculty for this course	rs Course w/ Sustainability
Fall 2016	BSCI330		Cell Biology and Physiology	Biochemical and physiological mechanisms underlying cellular function. Properties of cells	
				which make life possible and mechanisms by which cells provide energy, reproduce, and	
				completed the Sustainable Teaching Follows Workshap and revised this source to include a	
		Undergraduate		sustainability-related unit or project	Course w/ Sustainability
Spring 2016	BSCI330	ondergraddate	Cell Biology and Physiology	Biochemical and physiological mechanisms underlying cellular function. Properties of cells	course wy sustainability
5pmg 2010	5561550		cen blobgy and myslology	which make life possible and mechanisms by which cells provide energy, reproduce, and	
				regulate and integrate with each other and their environment. The course will include an	
				examination of current literature in this field. Faculty for this course completed the	
				Sustainable Teaching Fellows Workshop and revised this course to include a sustainability-	
		Undergraduate		related unit or project.	Course w/ Sustainability
Sum I 2016	BSCI330	, i i i i i i i i i i i i i i i i i i i	Cell Biology and Physiology	Biochemical and physiological mechanisms underlying cellular function. Properties of cells	
				which make life possible and mechanisms by which cells provide energy, reproduce, and	
				regulate and integrate with each other and their environment. The course will include an	
				examination of current literature in this field. Faculty for this course completed the	
				Sustainable Teaching Fellows Workshop and revised this course to include a sustainability-	
		Undergraduate		related unit or project.	Course w/ Sustainability
				An overview of the biology, evolution and diversity of insects and their relatives. Insect	
				morphology, physiology, behavior and ecology; the impact of insects on humanity and the	
Spring 2016	BSCI337	Undergraduate	Biology of Insects	management of pest insect populations; assembly of an insect collection is required.	Course w/ Sustainability
Fall 2016	BSCI338B	Undergraduate	Special Topics in Biology	The course will include an examination of current literature in this field. Faculty for this course	rrs Course w/ Sustainability
Fall 2016	BSCI361		Principles of Ecology	Basic principles of population, community, and ecosystem ecology. Use o these principles to	0
				predict possible consequences of human-caused changes in the environment and to	
		Undergraduate		understand the level of uncertainty of those predictions.	Sustainability Course
Spring 2016	BSCI361		Principles of Ecology	Basic principles of population, community, and ecosystem ecology. Use o these principles to	0
				predict possible consequences of human-caused changes in the environment and to	Custofic Allite Course
Caring 2016	DECI262	Undergraduate	The Bielenu of Concernation and Extinction	Enclose and the level of uncertainty of those predictions.	Sustainability Course
Spring 2016	B2C1363	Undependent	The Biology of Conservation and Extinction	Ecology, evolutionary biology, and paleontology will be applied to the study of conservation,	n, Course w/Sustainability
		under graduate		Consideration of the major groups of organisms associated with the Chesaneake Bay and	Course wy Sustainability
				current issues that determine humans' present and future uses for the Chesapeake and its	
Fall 2016	BSCI373	Undergraduate	Natural History of the Chesaneake Bay	hinta	Course w/ Sustainability
Fall 2016	BSCI398H	Undergraduate	Biology Department Honors Seminar	The course will include an examination of current literature in this field. Eaculty for this course	source w/ Sustainability
Spring 2016	BSCI398H	Undergraduate	Biology Department Honors Seminar	The course will include an examination of current literature in this field. Eaculty for this course	ns course w/ Sustainability
3			<b>G</b> , p	An advanced genetics course emphasizing the molecular basis of gene structure and	
				function in the context of modern approaches to the genetics of humans and model	
				organisms. Faculty for this course completed the Sustainable Teaching Fellows Workshop	
Fall 2016	BSCI410	Undergraduate	Molecular Genetics	and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability
				An advanced genetics course emphasizing the molecular basis of gene structure and	
				function in the context of modern approaches to the genetics of humans and model	
				organisms. The course will include an examination of current literature in this field. Faculty	
				for this course completed the Sustainable Teaching Fellows Workshop and revised this	
Spring 2016	BSCI410	Undergraduate	Molecular Genetics	course to include a sustainability-related unit or project.	Course w/ Sustainability
				The immune system in health and disease. Presentation and analysis of the cellular and	Course w/ Sustainability
Spring 2016	BSCI422	Undergraduate	Principles of Immunology	molecular processes that comprise the immune system.	
				The immune system in health and disease. Presentation and analysis of the cellular and	Course w/ Sustainability
Sum I 2016	BSCI422	Undergraduate	Principles of Immunology	molecular processes that comprise the immune system.	
				A survey of plant physiology and development and responses and adaptation to the	
Spring 2016	BSCI442	Undergraduate	Plant Physiology	environment	Course w/ sustainability
Corting 2010	DECLACO	the design of the state	Deputation Foology	neory or population growth and regulation, life tables, and theory of competition and	Course w/ Custaine bility
spring 2016	B3CI462	undergraduate	Population ecology	predation, evolution in ecological settings, community structure and dynamics.	Course w/ Sustainability
				now natural and social environments snape individual behavior. The influence of evolution	Course w/ sustainability
E-11 2016	DECINEE	Undersenador - + -	Pohavioral Ecology	on patterns of individual adaptation. Use of the evolutionary paradigm to investigate	
raii 2010	6301403	undergraduate	Denavioral ECOlogy	specific providitis in animal and numan benavior.	

Term	Course Code	Level	Course Title	Course Description	Course Type		
Fall 2016	BSCI467		Freshwater Biology	Biology and ecology of freshwater invertebrates in lotic and lentic habitats, their adaptation			
				to aquatic life, their function in aquatic ecosystems, and their relationship to environmental			
		Undergraduate		deterioration. Laboratory will include field trips, demonstrations, and identifications.	Course w/ Sustainability		
				Courses in evolution and animal behavior are strongly recommended. A detailed analysis of	Course w/ Sustainability		
				the evolutionary ecology of marine invertebrates; emphasis on testing of theories and on			
Spring 2016	BSCI473	Undergraduate	Marine Ecology	current literature.			
				Students will examine domestic societal issues and their national, regional, and local			
				dimensions from political, economic, and policy perspectives. Students will work with local			
Spring 2016	BSCV182	Undergraduate	Civicus and Service-Learning	direct service non-profit organizations.	Course w/ Sustainability		
		0	Ū.	An interdisciplinary exploration of the historical evolution and contemporary significance of			
				growing interconnectedness in the world. We debate different perspectives on globalization			
Fall 2016	BSGC101	Undergraduate	Globalization	and its impact on social, political, economic and cultural issues.	Course w/ Sustainability		
				A survey of some of the major global challenges facing society today, such as human	Course w/ Sustainability		
				trafficking, nuclear security, and global health. We explore contending approaches to			
Spring 2016	BSGC102	Undergraduate	Global Issues	resolving problems, culminating in a major group project.			
		onder graddate		The BSOS Sustainability Task Force is a student leadership group engaged in the			
				implementation of the BSOS Sustainability Plan. As part of this course, students will explore			
			Behavioral and Social Sciences Special Topics: BSOS Sustainability Task	current topics in sustainability through semester-long projects. This course is part of the			
Fall 2016	BSOS388T	Undergraduate	Force	BSOS Solutions Lab	Course w/ Sustainability		
10112010	20000000	ondergraddate		The BSOS Sustainability Task Force is a student leadership group engaged in the			
				implementation of the RSOS Sustainability Plan. As part of this course, students will evolore			
			Behavioral and Social Sciences Special Tonics: BSOS Sustainability Task	current tonics in sustainability through semester-long projects. This course is part of the			
Spring 2016	BSOS388T	Undergraduate	Force	BSOS Solutions Lab	Course w/ Sustainability		
5pmg 2010	5555561	ondergraduate		Course examines concents of team building and leadership which are critical to managerial	course wy sustainability		
				success. Topics include leadership, decision making, communication and conflict, work			
Eall 2016	DURICES	Canaduata	Loadorship and Teamwork	mativation, huilding effective teams, and organizational change and culture	Course w/ Sustainability		
Fail 2010	DUSIDOZ	Graduate	Special Topics in Rusiness	The course will include an examination of current literature in this field. Eaculty for this course	Course w/ Sustainability		
Sull1 2010	BU31756IVI	Graduate	special ropics in Busiliess	The course will include an examination of current interature in this field. Faculty for this course	Course w/ Sustainability		
				The trafficking of human beings in its historical, legal, economic, political and social			
				contexts. Scope of the global problem, different forms of numan trafficking, and regional			
5-11 2010	6616335		Clause in the Toursty First Contumy Completing University Toofficiaire	trends and practices. Roles of government, the international community and individual	Course ou / Courte in a hillite		
Fall 2016	CCJS325	Undergraduate	Slavery in the Twenty First Century: Combating Human Trafficking	actors. Strategies to combat trafficking.	Course w/ Sustainability		
				The trafficking of human beings in its historical, legal, economic, political and social			
				contexts. Scope of the global problem, different forms of human trafficking, and regional			
				trends and practices. Roles of government, the international community and individual			
Spring 2016	CCJS325	Undergraduate	Slavery in the Twenty First Century: Combating Human Trafficking	actors. Strategies to combat trafficking.	Course w/ Sustainability		
				The trafficking of human beings in its historical, legal, economic, political and social			
				contexts. Scope of the global problem, different forms of human trafficking, and regional			
				trends and practices. Roles of government, the international community and individual			
Winter 2016	CCJS325	Undergraduate	Slavery in the Twenty First Century: Combating Human Trafficking	actors. Strategies to combat trafficking.	Course w/ Sustainability		
Spring 2016	CCJS330		Contemporary Criminological Issues	Topics may include career criminals, prison overcrowding, prediction, ecological studies of	Sustainability Course		
				crimes, family and delinquency, entrepreneurship in criminal justice and criminology, and			
		Undergraduate		similar criminological problems.			
				Role and treatment of racial/ethnic minorities in the criminal justice system. Course will			
Fall 2016	CCJS370	Undergraduate	Race, Crime and Criminal Justice	provide students with historical and theoretical framework for understanding this dynamic.	Course w/ Sustainability		
				Role and treatment of racial/ethnic minorities in the criminal justice system. Course will			
Spring 2016	CCJS370	Undergraduate	Race, Crime and Criminal Justice	provide students with historical and theoretical framework for understanding this dynamic.	Course w/ Sustainability		
				Role and treatment of racial/ethnic minorities in the criminal justice system. Course will			
Sum I 2016	CCJS370	Undergraduate	Race, Crime and Criminal Justice	provide students with historical and theoretical framework for understanding this dynamic.	Course w/ Sustainability		
Fall 2016	CHBE451		Photovoltaics: Solar Energy	The emphasis of the class is on developing a conceptual understanding of the device physics	Sustainability Course		
				and manufacturing processes of crystalline and thin-film photovoltaic cells, and to develop			
				elementary computational skills necessary to quantify solar cell efficiency. The class material			
				includes detailed, system-level energy balances necessary to understand how solar energy			
				fits into the complete energy generation, conversion, and storage picture. Quantitative			
				comparisons of PV technology to solar chemical conversion processes and biofuels are			
		Undergraduate		made.			
				Sources and effects of air pollutants, regulatory trends, atmospheric dispersion models,	Course w/ Sustainability		
				fundamentals of two-phase flow as applied to air pollution and air pollution control systems,			
Spring 2016	CHBE472	Undergraduate	Control of Air Pollution Sources	design of systems for control of gases and particulate matter.			
				Introduction to biochemical and microbiological applications to commericail and	Course w/ Sustainability		
				engineering processes, including industrial fermentation, enzymology, ultrafiltration, food			
				and pharmaceutical processing and resulting waste treatment. Enzyme kinetics, cell growth,			
Fall 2016	CHBE482	Undergraduate	Biochemical Engineering	energetics and mass transfer.			
		_		Introduction to biochemical and microbiological applications to commericail and	Course w/ Sustainability		
				engineering processes, including industrial fermentation, enzymology, ultrafiltration, food			
				and pharmaceutical processing and resulting waste treatment. Enzyme kinetics, cell growth,			
Spring 2016	CHBE482	Undergraduate	Biochemical Engineering	energetics and mass transfer.			

Term	Course Code	Level	Course Title	Course Description	Course Type		
Fall 2016	CHBE486		Heterogeneous Catalysis for Energy Applications	Introduction to heterogeneous catalytic science and technology for energy conversion and hydocarbon processing. Preparation and mechanistic characterization of catalyst systems, kinetics of catalyzed reactions, adsorption and diffusion influences in heterogenious reactions. An overview of heterogeneous catalysis in various energy-related applications, including energy-related energy-relate			
		Undergraduate		utilization will be introduced. Includes a unit on sustainability.	Course w/ Sustainability		
Fall 2016	CHBF495	Undergraduate	Nanoparticle Aerosol Dynamics and Particle Technology	NanoParticles (NA) ( < 100 nm), and their science and technology play an important role in nature and industry. From air quality standards, nuclear reactor safety, inhalation therapy, worknlace exposure, global climate change, to counterterrorism, aeros	Course w/ Sustainability		
		onder graddate		An introduction to the physical aspects of chemistry; chemical kinetics thermodynamics and			
Spring 2016	CHEM271	Undergraduate	General Chemistry and Energetics	electrochemistry in the context of current chemistry research. There is a unit on the thermodynamics of climate change and possible solutions	Course w/ Sustainability		
5pmg 2010	CITEWIZ71	under graddate	General Chemistry and Energetics	Issues in the intercultural and interlingual interpretation of foreign literature through the			
				study of Western translations of and scholarship on selected Chinese poets. No knowledge of Chinese required. The course will include an examination of current literature in this field			
Spring 2016	CUIN212	Undergraduate	Chinaca Boothy into English: An Introduction	Faculty for this course completed the Sustainable Teaching Fellows Workshop and revised	Course w/ Sustainability		
Shung 2010	CHINZIS	Undergraduate	Chinese Poetry into English. An introduction	America, from its very origins as an independent nation, saw itself as the new Rome: our	Course w/ Sustainability		
				system of government is built on Roman precedents, our national buildings look as if they came from the Roman Forum, and our leisure activities take us to stadiums modeled on the			
				Colosseum. Our relationship to Rome, however, raises our greatest anxiety: will America fall			
				as Rome did? In 1776, the year of American independence, Edward Gibbon published his History of the Decline and Fall of the Roman Empire : America has been thinking about the			
				trajectory of our history alongside Rome's from the very beginning. One course module			
Spring 2016	CLAS289A	Undergraduate	Are We Rome?	covers the Classics, social class, and slavery.			
				America, from its very origins as an independent nation, saw itself as the new Rome: our system of government is built on Roman precedents, our national buildings look as if they	Course w/ Sustainability		
				came from the Roman Forum, and our leisure activities take us to stadiums modeled on the			
				Colosseum. Our relationship to Rome, however, raises our greatest anxiety: will America fall			
				as Rome did? In 1776, the year of American independence, Edward Gibbon published his History of the Decline and Fall of the Roman Empire : America has been thinking about the			
				trajectory of our history alongside Rome's from the very beginning. One course module			
Sum I 2016	CLAS289A	Undergraduate	Are We Rome?	covers the Classics, social class, and slavery.			
				An overview of genetics including the genetic basis/components in prevalent diseases, genetically engineered organisms and foods the importance of knowing the complete DNA	Course w/ Sustainability		
Fall 2016	CLFS620	Graduate	Modern Molecular Genetics	sequence of organisms.			
				An overview of genetics including the genetic basis/components in prevalent diseases, genetically engineered organisms and foods, the importance of knowing the complete DNA	Course w/ Sustainability		
Spring 2016	CLFS620	Graduate	Modern Molecular Genetics Biodiversity and Conservation Biology	sequence of organisms.	Course w/ Sustainability		
501172010	0113000	Graduate	biodiversity and conservation biology	species on the environment and its inhabitants. Specific case studies are included to illustrate problems of bidiversityloss and actions required to reverse the trends.	course wy sustainability		
				Ecological concepts across scales ranging from the individual, to populations, communities,	Course w/ Sustainability		
				ecosystems, and landscapes will be presented. Global change issues will encompass alteration of atmospheric trace gases, biogeochemistry cycles, land use changes, and			
Spring 2016	CLFS665	Graduate	Ecology and Global Change	introduction of non-native species to new habitats.			
Winter 2016	0156690	Conducto	Chamical Factory	An examination of the utilization of organic natural products by plants and animals for various life processes. Examples will include how materials are utilized for sexual selection, defense arguint products around the transfer of the product of the second se	Course w/ Custoinability		
2016	COMM498P	Graduate	Producing Digital Media from Funding to Finish	This course is part of the Partnership for Action Learning in Sustainability. Projects focus on	Course w/ Sustainability		
Spring 2016	CONS680	Undergraduate	Problem Solving in Conservation/Development	local sustainability issues. Students will be exposed to current problems in conservation and development through			
				great lectures, field trips, interviews and appropriate literature. Working in teams, students			
		Constants		will formulate recommendations based on a synthesis of biological, economic and policy	Sustainability Course		
Fall 2016	CONS798	Graduate	Research Papers in Sustainable Development and Conservation	Work on the required scholarly paper.	Sustainability course		
		Graduate	Biology		Sustainability Course		
Spring 2016	CONS798	Graduate	Research Papers in Sustainable Development and Conservation Biology	Work on the required scholarly paper.	Sustainability Course		
Sum I 2016	CONS798	Constants	Research Papers in Sustainable Development and Conservation	Work on the required scholarly paper.	Sustainability Course		
Winter 2016	CONS798	Graduate	Research Papers in Sustainable Development and Conservation	Work on the required scholarly paper.	Sustainability Course		
		Grauuate	College Park Scholars: Environment, Technology & Economy First-Year	Introductory colloquium: Examination of issues related to the convergence of the	Course w/ Sustainability		
Fall 2016	CPET100	Undergraduate	Colloquium I	environment, technology and the economy.			

Term	Course Code	Level	Course Title	Course Description	Course Type		
2016	CPFT100		FTE Colloquium I: Environment, Technology, & Economy	Introductory colloquium: Examination of issues related to the convergence of the	Course w/ Sustainability		
2010	0. 21 200	Undergraduate	ere conoquiant in environment, recliniciogy, a economy	environment technology and the economy	course in sustainability		
		ondergradatee	College Park Scholars: Environment, Technology & Economy First-Year	Introductory colloquium II: Continued examination of issues related to the convergence of	Sustainability Course		
Spring 2016	CDET101	Undorgraduato	Colloquium II	the environment technology and the economy. Group projects in sustainable development	Sustainability course		
5pmg 2010	CFLIIDI	ondergraduate	College Park Scholars: Environment Technology & Economy Second	the environment, technology and the economy. Group projects in sustainable development.	Sustainability Course		
Fall 2016	CRET200	Undonenoducto	Veer Celleguium	Advanced colleguium: Continued examination of issues related to sustainable development	Sustainability Course		
Faii 2010	CFEI200	Undergraduate	Callera Dadi Calara Fraincean A Tacker Law & Francesco	Auvanced conoquidin. Continued examination of issues related to sustainable development.	Course of Constainability		
Coring 2016	0057220	the demonstration to a	Lollege Park Scholars: Environment, Technology & Economy	Supervised internship project in an area related to the environment, technology and the	Course w/ Sustainability		
Spring 2016	CPE1230	Undergraduate		economy.	o (c · · · · · · · · · · · · · · · · · ·		
a ·	0057040		College Park Scholars: Environment, Technology & Economy Service-	Supervised Service-Learning project in an area related to the environment, technology and	Course w/ Sustainability		
Spring 2016	CPE1240	Undergraduate	Learning Practicum	the economy.			
			College Park Scholars: Environment, Technology & Economy Research	Supervised research project in an area related to the environment, technology and the	Course w/ Sustainability		
Spring 2016	CPET250	Undergraduate	Practicum	economy.			
				Introductory colloquium: Examination of factors that determine the health status of	Course w/ Sustainability		
Fall 2016	CPGH100	Undergraduate	College Park Scholars: Global Public Health First-Year Colloquium I	populations around the world.			
				Using case studies, students will examine necessary components to design successful public	Course w/ Sustainability		
Spring 2016	CPGH101	Undergraduate	College Park Scholars: Global Public Health First-Year Colloquium II	health interventions.			
				Building on knowledge and skills gained from the first-year colloquia, students will develop	Course w/ Sustainability		
Fall 2016	CPGH200	Undergraduate	College Park Scholars: Global Public Health Second-Year Colloquium	public health interventions that address a public health issue of a particular community.			
Spring 2016	CPGH230	Undergraduate	College Park Scholars: Global Public Health - Internship Practicum	Supervised internship project in an interest area related to global public health.	Course w/ Sustainability		
Spring 2016	CPGH240	Undergraduate	College Park Scholars: Global Public Health Service-Learning Practicum	Supervised Service-Learning project in an interest area related to global public health.	Course w/ Sustainability		
Spring 2016	CPGH250	Undergraduate	College Park Scholars: Global Public Health Research Practicum	Supervised research project in an interest area related to global public health	Course w/ Sustainability		
opinig 2010	0. 0.1250	onder gradate	College Park Scholars: Clobal Public Health Research Proceeding	ouper nocu research project in an interest area related to global public health	Course w/ Sustainability		
Spring 2016	CDCH270	Undonenoducto	Dracticum	Education abroad experience in an interest area related to global public health	Course w/ Sustainability		
Spring 2010	CFGH270	Undergraduate	Callere Deal Calere Calere & Clabel Charge First Year Callereiter	Education abroad experience in an interest area related to global public health.	Course of Constainability		
5-11 2010	0000100		College Park Scholars: Science & Global Change First-Year Colloquium	taken duraken und der stump Eusenstein af ter und nichte die einen eind die bei die eine	Course w/ Sustainability		
Fall 2016	CPSG100	Undergraduate		Introductory colloquium: Examination of issues related to science and global change.			
			College Park Scholars: Science & Global Change First-Year Colloquium	Introductory colloquium II: Continued examination of issues related to science and global	Course w/ Sustainability		
Spring 2016	CPSG101	Undergraduate		change.			
			College Park Scholars: Science & Global Change Second-Year	Advanced colloquium: Continued examination of issues related to science and global	Course w/ Sustainability		
Fall 2016	CPSG200	Undergraduate	Colloquium	change.			
Fall 2016	CPSG230	Undergraduate	College Park Scholars: Science & Global Change - Internship Practicum	Supervised internship in an interest area related to science and global change.	Course w/ Sustainability		
Spring 2016	CPSG230	Undergraduate	College Park Scholars: Science & Global Change - Internship Practicum	Supervised internship in an interest area related to science and global change.	Course w/ Sustainability		
			College Park Scholars: Science & Global Change - Service-Learning	Supervised Service-Learning experience in an interest area related to science and global	Course w/ Sustainability		
Spring 2016	CPSG240	Undergraduate	Practicum	change.			
Fall 2016	CPSG250	Undergraduate	College Park Scholars: Science & Global Change - Research Practicum	Supervised research experience in an interest area related to science and global change.	Course w/ Sustainability		
Spring 2016	CPSG250	Undergraduate	College Park Scholars: Science & Global Change - Research Practicum	Supervised research experience in an interest area related to science and global change	Course w/ Sustainability		
Eall 2016	CDSD2181	Undergraduate	College Park Scholars Second-Vear Colloquium I	The course will include an examination of current literature in this field. Eaculty for this course	Course w/ Sustainability		
Spring 2016	CDSD240E	Undergraduate	Bracticum: Sonvice Learning: Environment Technology and Economy	n/a	Sustainability Course		
Spring 2010	CF3F245E	Undergraduate	Practicum. Service-Learning, Environment rechnology and Economy	II/d Continued examination of issues related to science, technology and society. The source will	Sustainability Course		
				is alude an examination of issues related to science, technology and society. The course will			
			Callera Dark Calara Caisana Taskaslaru & Casista First Vara	Include an examination of current literature in this field. Faculty for this course completed			
			College Park Scholars: Science, Technology & Society First-Year	the Sustainable Teaching Fellows Workshop and revised this course to include a			
Spring 2016	CPSS101	Undergraduate	Colloquium II	sustainability-related unit or project.	Course w/ Sustainability		
				A specific project, is addressed, in dance from the perspectives of the investigator, the			
				creator/choreographer, and the performer. Projects are cross-disciplinary and/or cross-			
				cultural, and may involve both on- and off-campus experiences. Faculty for this course			
				completed the Sustainable Teaching Fellows Workshop and revised this course to include a			
Fall 2016	DANC488	Undergraduate	Project-Based Learning	sustainability-related unit or project.	Course w/ Sustainability		
				A specific project, is addressed, in dance from the perspectives of the investigator, the			
				creator/choreographer, and the performer. Projects are cross-disciplinary and/or cross-			
				cultural, and may involve both on- and off-campus experiences. The course will include an			
				examination of current literature in this field. Faculty for this course completed the			
				Sustainable Teaching Fellows Workshop and revised this course to include a sustainability-			
Spring 2016	DANC488	Undergraduate	Project-Based Learning	related unit or project.	Course w/ Sustainability		
		0	, ,	Through most of the 20th century gaps in income between rich and poor declined in the US.			
				but after 1970 we experienced a very rapid increase in inequality. This course challenges			
				students to investigate why people make different amounts of money, why income			
				inequality has risen so dramatically in recent years what public policy tools exist to counter			
				inequality increases and what different institutional arrangements different countries use			
				to lower inequality. This course will introduce students to theoretical tools used by			
				economists to understand the sources of inequality and will also examine empirical			
				evidence to better understand changes in the wage distribution and more generally in			
Fall 2016	ECON175	Undongraduat	Inequality: Determinants and Policy Pomodios	income distribution	Course w/ Sustainability		
Fall 2010	ECON175	undergraduate	Current Issues in American Economic Policy	Analysis of surrent economic problems and public policies. Topics industry in the second	Course w/ Sustainability		
Fall 2016	ECON401		Current issues in American Economic Policy	Analysis of current economic problems and public policies. Topics include increasing	Sustainability Course		
				competitiveness, mitigating poverty, addressing narmful effects of income inequality,			
		Undergraduate		promoting environmental sustainability, and facilitating economic stability and growth.			

Term	Course Code	Level	Course Title	Course Description	Course Type		
Spring 2016	ECON401		Current Issues in American Economic Policy	Analysis of current economic problems and public policies. Topics include increasing competitiveness, mitigating poverty, addressing harmful effects of income inequality,	Sustainability Course		
		Undergraduate		promoting environmental sustainability, and facilitating economic stability and growth.			
Fall 2016	ECON454	Undergraduate	Public Finance and Public Policy	Offered through the Partnership for Action Learning in Sustainability so projects and analysis will focus on local sustainability issues.	s Course w/ Sustainability		
				Offered through the Partnership for Action Learning in Sustainability so projects and analysis	S		
Spring 2016	ECON454	Undergraduate	Public Finance and Public Policy	will focus on local sustainability issues.	Course w/ Sustainability		
Summer 2016	ECON454	Undergraduate	Public Einance and Public Policy	Offered through the Partnership for Action Learning in Sustainability so projects and analysis will focus on local sustainability issues	S Course w/ Sustainability		
Fall 2016	ECON434	under graduate	Theory and Policy in Environmental Economics	Application of economic theory and empirical tools to the analysis of environmental issues.	Sustainability Course		
				The concepts of externalities, public goods, property rights and cost-benefit analysis are			
				applied to air pollution, water pollution, solid waste management, hazardous waste, and			
5-11 2016	500N400	Undergraduate	Lukan C. Danianal Francescies, Januar and Dalinian	global warning. The optimal role and various tools of public policy are addressed.	-		
Fall 2010	ECON490		orban & Regional Economics: issues and Policies	to formation of city and regional networks. Conceptual and empirical analysis of policies			
				affecting land use, housing, transportation and other aspects of sub-national economic			
		Undergraduate		development.	Course w/ Sustainability		
				Explore both the causes and consequences in development economics from a historical and	Course w/ Sustainability		
				scientific approach. Presents theoretical models and applied work that test alternative			
				property rights and political regimes as causal factors affecting development. Discuss			
				empirical methods widely used in the field and important related topics including poverty,			
Spring 2016	ECON615	Graduate	Development Economics I	inequality, education and health.			
Fall 2016	ECON616		Economic Development II	Survey of a variety of models explaining how market failures may lead to poverty and	Sustainability Course		
				individuals in developing countries and the programs that attempt to alleviate those			
				constraints. Topics include: agricultural and land markets, labor markets, human capital in			
		Graduate		developing countries, credit markets, and consumption smoothing and risk coping.			
				An examination of the structure, conduct and performance of the health care market,	Course w/ Sustainability		
				Including a study of physician services, the pharmaceutical industry, the hospital market and health insurance. Extensive use of quantitative and analytic economic tools with special			
Sum I 2016	ECON671	Graduate	Economics of Health Care	emphasis on regulatory response to market imperfections.			
				Analysis of economic development. The course will focus on the consequences of poverty			
				and poor institutions for the behavior and welfare of individuals, households, firms and the			
				aggregate economy in developing countries. Theoretical models and empirical evidence will be used to understand the intended and unintended consequences of policies designed to			
Spring 2016	ECON676	Graduate	Economic Development	enhance economic development.	Course w/ Sustainability		
Fall 2016	ECON785		Advanced Economics of Natural Resources	The use of exhaustible and renewable natural resources from normative and positive points	Sustainability Course		
				of view. Analysis of dynamic resource problems emphasizing energy, mineral, groundwater,			
		Graduate		resource allocation			
Fall 2016	EDCI246	Graduate	Good Stories: Teaching Narratives for Peace and Justice	Through the study and use of oral storytelling and digital technologies explore qualities and	Course w/ Sustainability		
				characteristics of what makes a good story and how stories can be used to advance peace			
		Undergraduate		and justice on both individual and social levels.			
Spring 2016	EDCI246		Good Stories: Teaching Narratives for Peace and Justice	Through the study and use of oral storytelling and digital technologies explore qualities and	Course w/ Sustainability		
		Undergraduate		and justice on both individual and social levels.			
Sum I 2016	EDCI246		Good Stories: Teaching Narratives for Peace and Justice	Through the study and use of oral storytelling and digital technologies explore qualities and	Course w/ Sustainability		
				characteristics of what makes a good story and how stories can be used to advance peace			
		Undergraduate		and justice on both individual and social levels.	¢		
				environmental resources. Emphasis on multicultural education. Includes laboratory/field	r		
				experiences. The course will include an examination of current literature in this field. Faculty	/		
				for this course completed the Sustainable Teaching Fellows Workshop and revised this			
Spring 2016	EDCI322	Undergraduate	Curriculum and Instruction in Elementary Education: Social Studies	course to include a sustainability-related unit or project.	Course w/ Sustainability		
				objectives, methods, materials and activities for teaching science in the elementary school; emphasis on teaching strategies which help children learn the processes and concepts of			
				science. Includes laboratory/field experiences. The course will include an examination of			
				current literature in this field. Faculty for this course completed the Sustainable Teaching			
Fall 2016	EDCI372	Undergraduate	Curriculum and Instruction in Elementary Education: Science	Fellows Workshop and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability		
				I his field experience course is designed to provide prospective teacher with knowledge of	Course w/ Sustainability		
				and trends in educational assessment in a public school environment. Topics includes			
				planning, instructional delivery, diversity and individual differences, classroom			
Fall 2016	EDCI375	Undergraduate	Field Experience in Science Education	management, technology, and inclusion of students with special needs.			

Term	Course Code	Level	Course Title	Course Description	Course Type		
				A discussion/studio format used to develop skills, materials, resources and education			
				strategies for using technology and two-dimensional art in K-12 programs. Faculty for this			
				course completed the Sustainable Teaching Fellows Workshon and revised this course to			
Fall 2016	EDCI406	Undorgraduato	Technology and Two-Dimensional Art	include a sustainability-related unit or project	Course w/ Sustainability		
10112010	EDCI400	ondergraduate	reamongy and two Dimensional Are	A survey of the historical and current approaches methods and techniques of teaching	Course w/ Sustainability		
				English to spookers of other languages, from grammar translation and audiolingual to	course wy sustainability		
				communicative and tack based approaches will be presented. Additionally, successful			
				communicative and task-based approaches will be presented. Additionally, successful			
				classroom practices that address the needs of culturally diverse and language minority			
				students will be analyzed. Students will have the opportunity to discuss, probe and apply			
Corring 2016	EDCI424	the demonstration of a	Dedageou of Teaching English Language Learners	theories and principles to natios-on teaching practices in real-ine settings. Digital			
Spring 2010	EDCI434	Undergraduate	Pedagogy of reaching English Language Learners	technologies that assist teaching English language learners (ELLS) will be emphasized as well.			
				Studies of student learning and instructional practices in science teaching. The course will			
				the Sustainable Teaching Fellows Westeren and existed this source to include a			
Fall 2016	EDCI470	Undonenoducto	Loarning and Toaching in Science	the sustainable reaching Fellows workshop and revised this course to include a	Course w/ Sustainability		
Faii 2010	EDCI470	Undergraduate		Sustainability-related unit of project.	Course w/ Sustainability		
				induction majors. Discussion of	Course w/ Sustainability		
				pedagogical and content issues relevant for teaching academically, culturally, and			
				linguistically diverse students with particular emphasis on students with special educational			
5 11 2246			Leaching Academically, Culturally, and Linguistically Diverse Students	needs and English language learners. Students develop and use curriculum-based			
Fall 2016	EDCI474	Undergraduate	in Secondary Education	assessments and/or lessons with these groups of students.	o /o · · · · · · ·		
				Multi-disciplinary capstone course for Secondary Education majors. Discussion of	Course w/ Sustainability		
				pedagogical and content issues relevant for teaching academically, culturally, and			
				linguistically diverse students with particular emphasis on students with special educational			
c ·			Teaching Academically, Culturally, and Linguistically Diverse Students	needs and English language learners. Students develop and use curriculum-based			
Spring 2016	EDCI474	Undergraduate	in Secondary Education	assessments and/or lessons with these groups of students.			
				An exploration of the richness and complexity of student diversity that teacher candidates			
E-11 201C	FROM		Further size Diversity in the Classes on Community	will encounter in K-12 classrooms. Students will engage in critical reflection around diversity	Course ou / Courte in a hilito		
Fall 2010	EDCI475	Undergraduate	Empracing Diversity in the classroom community	and equity issues.	Course w/ Sustainability		
				An exploration of the richness and complexity of student diversity that teacher candidates			
Carrie - 2010	FROM		Facharaine Diversity in the Classes of Community	will encounter in K-12 classrooms. Students will engage in critical reflection around diversity	Course ou / Courte in a hilito		
Spring 2016	EDCI475	Undergraduate	Embracing Diversity in the classroom Community	and equity issues.	Course w/ Sustainability		
Fall 2016	EDCI481	Undergraduate	Student Teaching: Elementary	The course will include an examination of current literature in this field. Faculty for this course	s Course w/ Sustainability		
Spring 2016	EDCI481	Undergraduate	Student Teaching: Elementary	The course will include an examination of current literature in this field. Faculty for this cours	s Course w/ Sustainability		
				Engagement in laboratory and inquiry-based methods to develop coherent understandings			
c ·	50.000			about the natural world and explore issues learning in biology. Personal engagement with			
Spring 2016	EDCI606	Graduate	Learning and Teaching Biological Sciences	phenomena and reflection on the learning and instructional experiences.	Course w/ Sustainability		
				The course aims to help students understand race, class, gender, and sexuality as systems of	Course w/ Sustainability		
E-11 201C	EDGICO7		Fuchanzian Disputito in Classon on Communities	privilege, exclusion, marginalization, and the centrality of embracing diversity in the			
Fall 2016	EDCI697	Graduate	Embracing Diversity in Classroom Communities	classroom communities to promote the success of all students.	Course ou / Couste in a bility		
				The course aims to help students understand race, class, gender, and sexuality as systems of	Course w/ Sustainability		
Sum 1 2016	EDCIC07	Construction	Embracing Diversity in Classroom Communities	privilege, exclusion, marginalization, and the centrality of embracing diversity in the			
Sull1 2010	EDCI097	Graduate	Embracing Diversity in classicolin communities	This coming provides students with a bread evention of urban advection or a field of			
				This seminar provides students with a broad overview of urban education as a field of			
Fall 2016	EDCIZZO	Construction	Lisbon Education	inquiry by examining the social context of urban schools, now transformative pedagogy is	Course w/ Sustainability		
Fall 2016	EDCI776	Graduate	Urban Education	This highly interactive format forward on individual and casial identities in the U.C. group	Course w/ Sustainability		
Fall 2010	EDCP220		Introduction to Human Diversity in Social Institutions	This highly-interactive format focuses on individual and social identities in the U.S., group	Sustainability Course		
				differences and intergroup relations, systems of privilege and oppression, and advocacy for			
				social justice. Topics will include diversity related to face, etimicity, gender, sexual			
				orientation, social class, (disjability, and religion. Course fulfills CORE requirements in			
		Undergraduate		diversity, social/behavioral bases, and interdisciplinary study. Some sections restricted.			
Spring 2016	EDCP220		Introduction to Human Diversity in Social Institutions	This highly-interactive format focuses on individual and social identities in the U.S., group	Sustainability Course		
				differences and intergroup relations, systems of privilege and oppression, and advocacy for			
				social justice. Topics will include diversity related to race, ethnicity, gender, sexual			
		the demonstration to a		diversity social (hohovieral bases, and interdisciplinary study. Some social requirements in			
Sum 1 2016	5000220	Undergraduate	Introduction to Human Diversity in Casial Institutions	This highly interactive format foruses on individual and casial identities in the LLC group.	Sustainability Course		
2011112010	EDCP220		Introduction to numbri Diversity in Social Institutions	differences and intergroup relations, systems of privilege and oppression, and educes of privilege and oppression, and educes of privilege and oppression.	Sustainability Course		
				social justice. Topics will include diversity related to race, ethnicity, gender, social			
				orientation social class (dislability and religion Course fulfills COPE requirements in			
		Undergraduato		diversity social/hehavioral bases and interdisciplinary study. Some sections restricted			
		sinuer grauuate		Socio-nsychological philosophical clinical and research topics related to the provision of			
				counseling and personnel services academic support and career development for minority			
				students on predominantly white college and university campuses. Implications of race			
				and/or national origin on opportunities for personal, social, academic, and career			
Spring 2016	EDCP612	Graduate	Multicultural Issues in Counseling and Personnel Services	development in educational settings.	Course w/ Sustainability		
			-	-			

Term	Course Code	level	Course Title	Course Description	Course Type		
renn	course cour			Develop knowledge and skills in the area of multicultural practice in student affairs through	Course w/ Sustainability		
				bevelop knowledge and skills in the area of multicultural practice in student analys through	course w/ sustainability		
5 11 2 2 4 6				the examination of oppression, power, and privilege and now these dynamics impact			
Fall 2016	EDCP741	Graduate	Multicultural Practice in Student Affairs: Self, Education, and Society	individuals, educational institutions, and societies.			
				An exploration of differences, biases, assumptions, limitations, and challenge with diversity			
				in the context of higher education and student affairs. Focusing on issues of inequities with			
				social identity group membership and the systems of power, privilege, and oppression in			
Spring 2016	EDCP776	Graduate	Social Justice in Student Affairs and Higher Education	society.	Course w/ Sustainability		
				Students explore historical and current research in early childhood education, primary			
				models of curriculum and pedagogy in the field, and the relationship between critical			
				aspects of young children's development and the creation of inclusive learning opportunities			
				for all children, including children at risk. The concept of developmentally appropriate			
				practice and its application across different developmental levels and early childhood			
				classrooms will be introduced and connected with discussion in EDHD220 and EDSP211.			
				Students examine issues in developing and implementing high quality early childhood			
				education experiences for young children with and without disabilities, including the			
				influence of family, culture, and community, the needs of children at risk (e.g., poverty,			
Fall 2016	EDHD210	Undergraduate	Foundations of Early Childhood Education	immigrant status. English Language Learners), and the role of assessment in early learning.	Course w/ Sustainability		
		0		Students explore historical and current research in early childhood education, primary			
				models of curriculum and pedagogy in the field, and the relationship between critical			
				aspects of young children's development and the creation of inclusive learning opportunities			
				for all children including children at risk. The concent of developmentally appropriate			
				practice and its application across different developmental levels and early childhood			
				classrooms will be introduced and connected with discussion in EDHD220 and EDSP211			
				Students examine issues in developing and implementing high quality early childhood			
				advestion superionases for young shildren with and without disabilities, including the			
				influence of family auture, and community the needs of children at rick (a.g. neverty			
Carrie - 2010	5000240		Foundations of Fouls Childhood Folyaption	innuence of family, culture, and community, the needs of cinidren at risk (e.g., poverty,	Course ou / Courte in a bility		
Shung 2010	EDHD210	Undergraduate	Foundations of Early Childhood Education	infinigrant status, English Language Learners), and the role of assessment in early learning.	Course w/ Sustainability		
				Engages students, from one or more cultural identity groups, in facilitated dialogue about			
				the similarities and differences of experience that exist within a group and/or between and			
				across groups. The goal of intergroup dialogue is for students to develop comfort with, and			
				skill for, discourse on difficult topics toward the end of fostering positive, meaningful, and			
				sustained cross-group relationships. Whereas in debate, students learn to listen to gain			
				advantage, in intergroup dialogue, students learn to listen to gain understanding. In so			
c ·			Teaching and Learning about Cultural Diversity through Intergroup	doing, students develop increased multicultural interaction facility, heightened intergroup			
Spring 2016	EDHI338	Undergraduate	Dialogue	awareness and sensitivity, and greater commitment to civic engagement.	Course w/ Sustainability		
Fall 2016	EDHI338A	Undergraduate	Teaching and Learning about Cultural Diversity through Intergroup Dia	alogue	Course w/ Sustainability		
Spring 2016	EDHI338A	Undergraduate	Teaching and Learning about Cultural Diversity through Intergroup Dia	alogue	Course w/ Sustainability		
Winter 2016	EDHI338A	Undergraduate	Teaching and Learning about Cultural Diversity through Intergroup Dia	alogue	Course w/ Sustainability		
Fall 2016	EDHI338C	Undergraduate	Teaching and Learning about Cultural Diversity through Intergroup Dia	alogue	Course w/ Sustainability		
Spring 2016	EDHI338C	Undergraduate	Teaching and Learning about Cultural Diversity through Intergroup Dia	alogue	Course w/ Sustainability		
Spring 2016	EDHI338F	Undergraduate	Teaching and Learning about Cultural Diversity through Intergroup Dia	alogue	Course w/ Sustainability		
Spring 2016	EDHI338G	Undergraduate	Teaching and Learning about Cultural Diversity through Intergroup Dia	logue	Course w/ Sustainability		
Fall 2016	EDHI338K	Undergraduate	Teaching and Learning about Cultural Diversity through Intergroup Dia	alogue	Course w/ Sustainability		
Spring 2016	EDHI338K	Undergraduate	Teaching and Learning about Cultural Diversity through Intergroup Dia	alogue	Course w/ Sustainability		
Fall 2016	EDHI338N	Undergraduate	Teaching and Learning about Cultural Diversity through Intergroup Dia	alogue	Course w/ Sustainability		
Fall 2016	EDHI338P	Undergraduate	Teaching and Learning about Cultural Diversity through Intergroup Dia	alogue	Course w/ Sustainability		
Sum I 2016	EDHI338P	Undergraduate	Teaching and Learning about Cultural Diversity through Intergroup Dia	alogue	Course w/ Sustainability		
Fall 2016	EDHI338Q	Undergraduate	Teaching and Learning about Cultural Diversity through Intergroup Dia	alogue	Course w/ Sustainability		
Fall 2016	EDHI338R	Undergraduate	Teaching and Learning about Cultural Diversity through Intergroup Dia	alogue	Course w/ Sustainability		
Fall 2016	EDHI338T	Undergraduate	Teaching and Learning about Cultural Diversity through Intergroup Dia	alogue	Course w/ Sustainability		
Fall 2016	EDHI338W	Undergraduate	Teaching and Learning about Cultural Diversity through Intergroup Dia	alogue	Course w/ Sustainability		
Spring 2016	EDHI338W	Undergraduate	Teaching and Learning about Cultural Diversity through Intergroup Dia	logue	Course w/ Sustainability		
Spring 2016	EDHI338Y	Undergraduate	Teaching and Learning about Cultural Diversity through Intergroup Dia	alogue	Course w/ Sustainability		
2016	EDHI488E/49	92 Undergraduate	Ecological Ethics and Education	Signs of devastation from climate change, environmental degradation, energy crises and	Course w/ Sustainability		
				conflicts from environmental destructions are causing alarms all around the world. Can the			
				humanity and the Earth planet survive without fundamental changes in our eco ethics and			
				relationship with nature? What do we need to do?			
				Examination of alternative economics perspectives and their implication for education	Course w/ Sustainability		
				policy and practice internationally, from local to global levels. The connection of education	· · ·		
Fall 2016	EDHI606	Graduate	Political Economy of Education in a Global Context	to issues of development, inequality, poverty, gender, and race will be discussed.			
			·	The course examines feminist theories on gender inequity, and analyzes social impacts on	Course w/ Sustainability		
				girls' and women's education. Also examined are women's ways of knowing, issues of race			
Spring 2016	EDHI608	Graduate	Gender and Education	and class, gender and development, ecofeminism, and technology for women.			

Term	Course Code		Course Title	Course Description	Course Type		
Spring 2016	EDHI662	Graduate	Research on Ethnic Minorities and Demographic Trends in Higher Education	Current research on ethnic minority student populations including issues of access, campus climate, racial identity, achievement and motivation. In addition to student issues, course examines issues for faculty of color in higher education, curriculum and teaching, and leadership and governance. The application of broad demographic changes in the nation and their impact on higher education over time.	Course w/ Sustainability		
Sum I 2016	EDHI681	Graduate	Education for Global Peace	This course will examine how education can address the threats of violence and wars. It prepares students to teach about peace, nonviolence, and conflict resolution, and also to analyze and implement changes in school and society to contribute to peace and non- violence.	Sustainability Course		
Fall 2016	EDHI682	Graduate	Ecological Ethics and Education	An exploration of the paradigms, approaches, and ways of knowing offere through ecological ethics and environmental sustainability education.	Sustainability Course		
Spring 2016	EDHI740	Graduate	Managing Educational Organizations in a Diverse Society	Contemporary social and cultural influences that impact on the management of educational organizations in a diverse society. The effects on schools of changes in the economy, family structure, demographics and technology.	Course w/ Sustainability		
Spring 2016	EDPS615	Graduate	Economics of Education	An introduction to the application of economic principles to the study of education policy. The course content revolves around issues of efficiency, equity, and freedom of choice. Specific attention is devoted to school finance litigation and reform, practices for raising and allocating resources, and education productivity issues.	Course w/ Sustainability		
Fall 2016	EDPS751	Graduate	Law, Equity, and Diversity in Education	An examination of 'dilemmas of difference' on selected issues that arise at the intersection of law and education policy. Dilemmas and value conflicts imbedded in modern federal and state case law dealing with race, gender, sexual orientation, religion and disability.	Course w/ Sustainability		
Spring 2016	EDPS751	Graduate	Law, Equity, and Diversity in Education	An examination of 'dilemmas of difference' on selected issues that arise at the intersection of law and education policy. Dilemmas and value conflicts imbedded in modern federal and state case law dealing with race, gender, sexual orientation, religion and disability.	Course w/ Sustainability		
Fall 2016	EDSP220	Undergraduate	Disability in Community: Access, Accommodation, and Adaptation	Examines the concept of disability in a variety of community settings. Drawing on classic and contemporary readings in psychology, sociology and special education, the course will couple conceptual and historical understanding of disability with first-hand service-learning experiences in the community. Students will develop a plan in several phases that encompasses principles of Universal Design for Living/Learning (UDL) to study and participate in community-based activities.	Sustainability Course		
Spring 2016	EDSP220	Undergraduate	Disability in Community: Access, Accommodation, and Adaptation	Examines the concept of disability in a variety of community settings. Drawing on classic and contemporary readings in psychology, sociology and special education, the course will couple conceptual and historical understanding of disability with first-hand service-learning experiences in the community. Students will develop a plan in several phases that encompasses principles of Universal Design for Living/Learning (UDL) to study and participate in community-based activities.	I Sustainability Course		
Sum I 2016	EDSP220		Disability in Community: Access, Accommodation, and Adaptation	Examines the concept of disability in a variety of community settings. Drawing on classic and contemporary readings in psychology, sociology and special education, the course will couple conceptual and historical understanding of disability with first-hand service-learning experiences in the community. Students will develop a plan in several phases that encompasses principles of Universal Design for Living/Learning (UDL) to study and	Sustainability Course		
Winter 2016	EDSP220	Undergraduate	Disability in Community: Access, Accommodation, and Adaptation	participate in community-based activities. Examines the concept of disability in a variety of community settings. Drawing on classic and contemporary readings in psychology, sociology and special education, the course will couple conceptual and historical understanding of disability with first-hand service-learning experiences in the community. Students will develop a plan in several phases that encompasses principles of Universal Design for Living/Learning (UDL) to study and participate in community-based activities.	Sustainability Course		
Spring 2016	EDSP476	Undergraduate	Communicating with Sign Language	Intermediate level receptive/expressive skills in American Sign Language. Aspects of the culture, history, and research perspectives of the deaf community.	Course w/ Sustainability		
Sum I 2016	EDSP476	Undergraduate	Communicating with Sign Language	intermediate level receptive/expressive skills in American Sign Language. Aspects of the	Course w/ Sustainability		
Spring 2016	EMBA678	Shuer grauuate	Ethical Leadersibp	This course will explore the following topics: Recognize the scope of managerial agency and	Course w/ Sustainability		
5pmg 2010	LINDAUTO	Graduate		the economic, legal and ethical responsibilities to various stakeholders. Conduct elementary ethical analyses of managerial situations using the principal schools of ethical reasoning, Identify the economic and ethical properties of a market mechanism, and the means for addressing the limitations of a market, and Recognize ethical leadership as the exercise of managerial agency in changing existing values and practices.			
Winter 2016	EMBA678	Graduato	Ethical Leadership	This course will explore the following topics; Recognize the scope of managerial agency and the economic, legal and ethical responsibilities to various stakeholders, Conduct elementary ethical analyses of managerial situations using the principal schools of ethical reasoning, Identify the economic and ethical properties of a market mechanism, and the means for addressing the limitations of a market, and Recognize ethical leadership as the exercise of managerial agency in changing existing values and eractives.	Course w/ Sustainability		
		JI GUGGLE					

Term	Course Code	Level	Course Title	Course Description	Course Type		
Fall 2016	ENAE672	Graduate	Unsteady and Inviscid Aerodynamics	Advanced fundamentals of unsteady and inviscid flows including complex potential, Euler's and Bernoulli's equations, transient flows, three-dimensional flows, vortex dynamics, and applications to wing theory. Faculty for this course completed the Sustainabile Teaching Fellows Workshop and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability		
				An overview of the department of Civil and Environment Engineering. Students are introduced to the undergraduate curriculum and will be exposed to other undergraduate and graduate students at various points in their program. The course blends panel presentations by seniors and graduate students, faculty and practitioners with a project and book review to be performed by the students. Faculty for this course completed the Sustainable Teaching Fellows Workshop and revised this course to include a sustainability-			
Fall 2016	ENCE100	Undergraduate	Introduction to Civil and Environmental Engineering	related unit or project.	Course w/ Sustainability		
Spring 2016	ENCE100	Undergraduate	Introduction to Civil and Environmental Engineering	An overview of the department of Civil and Environment Engineering. Students are introduced to the undergraduate curriculum and will be exposed to other undergraduate and graduate students at various points in their program. The course blends panel presentations by seniors and graduate students, faculty and practitioners with a project and book review to be performed by the students. The course will include an examination of current literature in this field. Faculty for this course completed the Sustainabel Teaching Fellows Workshop and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability		
Fall 2016	ENCE215	Undergraduate	Engineering for Sustainability	Engineers have a key role to play in planning, designing, building, and ensuring a sustainable future. In this class, a problem-based approach is used to examine fundamentally-based analyses and approaches for engineering as sustainable society, with a focus on sustainable use of energy and materials, sustainable infrastructure solutions, atmospheric sustainability and sustainable water supply, and human population growth and resource consumption and its implications for sustainability.	sustainability Course		
Spring 2016	ENCE215	Undergraduate	Engineering for Sustainability	Engineers have a key role to play in planning, designing, building, and ensuring a sustainable future. In this class, a problem-based approach is used to examine fundamentally-based analyses and approaches for engineering as sustainable society, with a focus on sustainable use of energy and materials, sustainable infrastructure solutions, atmospheric sustainability and sustainable water supply, and human population growth and resource consumption and its implications for sustainability.	Sustainability Course		
Sum I 2016	ENCE215	Undergraduate	Engineering for Sustainability	Engineers have a key role to play in planning, designing, building, and ensuring a sustainable future. In this class, a problem-based approach is used to examine fundamentally-based analyses and approaches for engineering as sustainable society, with a focus on sustainable use of energy and materials, sustainable infrastructure solutions, atmospheric sustainability and sustainable water supply, and human population growth and resource consumption and its implications for sustainability.	Sustainability Course		
Fall 2016	ENCE310	Undergraduate	Introduction to Environmental Engineering	Introduction to the physical, chemical and biological systems relating to the quality of water land and air environments. Fundamental principles will be emphasized, current environmental pollution problems will be examined and methods of pollution abatement discussed.	, Course w/ Sustainability		
Spring 2016	ENCE310	Undergraduate	Introduction to Environmental Engineering	Introduction to the physical, chemical and biological systems relating to the quality of water land and air environments. Fundamental principles will be emphasized, current environmental pollution problems will be examined and methods of pollution abatement discussed.	, Course w/ Sustainability		
Fall 2016	ENCE325	Undergraduate	Introduction to Construction Project Management	Learn the basic topics in sourcing, planning, financing, designing, contracting, constructing and operating buildings and other facilities in the built infrastructure. Topics include construction economics, design constructability reviews, construction process planning, contracts and procurement strategies, project scheduling and resource utilization, site layout planning, project cost and quality controls, temporary structures, environmental sustainability, project not procedures, facility operation and management, IT-based tools for construction project and resource management.	Sustainability Course		
				Learn the basic topics in sourcing, planning, financing, designing, contracting, constructing and operating buildings and other facilities in the built infrastructure. Topics include construction economics, design constructability reviews, construction process planning, contracts and procurement strategies, project scheduling and resource utilization, site layout planning, project cost and quality controls, temporary structures, environmental sustainability, project handover procedures, facility operation and management, IT-based	Sustainability Course		
Spring 2016	ENCE325	Undergraduate	Introduction to Construction Project Management	tools for construction project and resource management.			

Term	Course Code		Course Title	Course Description	Course Type		
Term Fall 2016 Spring 2016	Course Code ENCE411 ENCE411	<b>Level</b> Undergraduate	Course Title Environmental Engineering Science	Course Description Introduces the analytical techniques available to assess performance of engineering processes as they relate to water, soil, and air treatment and quality. The basic principles of environmental management, economics of waste treatment, by-product reutilization, and energy cycles are introduced and discussed. Alternative technologies are introduced and evaluated mostly by assessing their potential to reduce waste, minimize energy use, and promote sustainability. Students' activities include, a weekly lab to provide hands-on experience with environmental quality measurements and treatment techniques; on-site visits to regional industries that undertake sustainable practices; and a final research project where experimental design and laboratory techniques are used to assess interactions between technologies and natural systems and their potential for reducing environmental impacts. Introduces the analytical techniques available to assess performance of engineering processes as they relate to water, soil, and air treatment and quality. The basic principles of environmental management, economics of waste treatment, by-product reutilization, and	Course Type Sustainability Course		
		Undergraduate		energy cycles are introduced and discussed. Alternative technologies are introduced and evaluated mostly by assessing their potential to reduce waste, minimize energy use, and promote sustainability. Students' activities include, a weekly lab to provide hands-on experience with environmental quality measurements and treatment techniques; on-site visits to regional industries that undertake sustainable practices; and a final research project where experimental design and laboratory techniques are used to assess interactions between technologies and natural systems and their potential for reducing environmental impacts.	Sustainability Course		
Spring 2016	ENCE412	Undergraduate	Environmental Engineering Unit Operations	Examination of unit operations and processes encountered in environmental engineering field. Fundamental principles learned from previous classes will be applied into the design and operation of unit operations and processes, particularly in the area of water and wastewater treatment. Similar processes will be applied to air pollution control, solid waste disposal and hazardous waste treatment.	Course w/ Sustainability		
Fall 2016	ENCE422	Undergraduate	Project Cost Accounting and Economics	Learn: the fundamentals of accounting; project cost accounting principles as they apply to project management; project cost accounting; and the fundamentals of engineering economics. Topics include: project feasibility analysis; reading and analyzing financial statements; cash management; cash flow analysis; depreciation and taxes; and impact on profitability; the principles of activity based costing; net present value analysis; the framework for project performance measurement, cost performance indices, and earned value analysis.	Course w/ Sustainability		
Spring 2016	ENCE422	Undergraduate	Project Cost Accounting and Economics	Learn: the fundamentals of accounting; project cost accounting principles as they apply to project management; project cost accounting; and the fundamentals of engineering economics. Topics include: project feasibility analysis; reading and analyzing financial statements; cash management; cash flow analysis; depreciation and taxes; and impact on profitability; the principles of activity based costing; net present value analysis; the framework for project performance measurement, cost performance indices, and earned value analysis.	Course w/ Sustainability		
Sum I 2016	ENCE422	Undergraduate	Project Cost Accounting and Economics	Learn: the fundamentals of accounting; project cost accounting principles as they apply to project management; project cost accounting; and the fundamentals of engineering economics. Topics include: project feasibility analysis; reading and analyzing financial statements; cash management; cash flow analysis; depreciation and taxes; and impact on profitability; the principles of activity based costing; net present value analysis; the framework for project performance measurement, cost performance indices, and earned value analysis.	Course w/ Sustainability		
Fall 2016	ENCE432	Undergraduate	Ground Water Hydrology	Concepts related to the development of the ground water resources, hydrology, hydrodynamics of flow through porous media, hydraulics of wells and basin-wide ground water development. Fundamentals of ground water pollution are introduced.	Course w/ Sustainability		
Spring 2016	ENCE447	Undergraduate	Pavement Engineering	Fundamental principles underlying the design, construction, maintenance and repair, and management of highway and airfield pavement systems. Pavement performance (functional/structural; evaluation); pavement mechanics (multi-layered elastic theory; slab t	Course w/ Sustainability		
Spring 2016	ENCE472	Undergraduate	Transportation Engineering	Transportation engineering concepts including transportation systems analysis, airport systems, airline and airport operations, marine transportation and urban public transportation systems.	Course w/ Sustainability		
Fall 2016	ENCE602	Graduate	Project Procurement Management	Fundamental concepts and techniques for project acquisition and procurement are presented. Students are introduced to the PMBOK Guide six-step procurement process and expected to develop an in-depth understanding of project evaluation, planning, financing, contracting, negotiation, and procurement execution. It will also cover emerging methods, principles, and practices in infrastructure project procurement, including Public-Private Partnerships, Carbon project procurement, and Clean Development Mechanism.	Course w/ Sustainability		

Term	Course Code	Level	Course Title	Course Description	Course Type		
Spring 2016	ENCE604	Graduate	Sustainabilty Fundamentals for Project Managers	Addresses the fundamentals of sustainability for project managers including best practices of modern sustainable construction and project management. Commercial and residential buildings consume about 40 percent of the energy used in the United States. Therefore, emphasis will be on the application of the sustainable development standards to the built environment, including the practical operational aspects of sustainable facility project management.	Sustainability Course		
Spring 2016	ENCE631	Graduate	Hydrologic Analysis and Nonpoint Pollution Models	A detailed analysis of the physical processes controlling the spatial distribution of runoff and constituent transport during rainfall and snowmelt events. Emphasis is on developing an understanding of the processes and translating this understanding into practical models that can be used for runoff simulation, stormwater management, and environmental impact assessment.	Course w/ Sustainability		
Spring 2016	ENCE645	Graduate	Geotechnics of Waste Disposal	Fundamental aspects of geotechnical engineering that apply to problems of waste containment and remediation, basic principles of containment systems, compacted clay liners and clay mineralogy, hydraulic conductivity of compacted soils, methods of laboratory and field hydraulic conductivity measurements, design of waste containment systems, landfill stability and settlement, geosynthetic liners, waste compatibility, contaminant transport through liners, leachate collection systems, gas collection systems, covers and caps.	Course w/ Sustainability		
Fall 2016	ENCE650	Graduate	Process Dynamics in Environmental Systems	The fundamentals of heterogeneous equilibria, rates of environmental reactions, and flow and material transport or presented. Applications of these principles will be presented to small and large scale environmental problems involving liquid, gas, and solid phases. Both natural and engineered environmental systems will be examined.	Course w/ Sustainability		
Spring 2016	ENCE655	Graduate	Environmental Behavior of Organic Pollutants	Introduction to the scientific data needed and methods currently available to assess the environmental risk of organic chemicals. Applications of principles from chemical thermodynamics will be used to study phase-transfer processes of organic pollutants	Course w/ Sustainability		
Fall 2016	ENCE673	Graduate	Urban Transportation	The contempory methodology of urban transportation planning. The urban transportation planning process, interdependence between the urban transportation system and the activity system, urban travel demand models, evaluation of urban transportation alternatives and their implementation.	Course w/ Sustainability		
Spring 2016	ENCE673	Graduate	Urban Transportation	The contempory methodology of urban transportation planning. The urban transportation planning process, interdependence between the urban transportation system and the activity system, urban travel demand models, evaluation of urban transportation alternatives and their implementation.	Course w/ Sustainability		
				Basic engineering components of conventional and high speed railroads and of air cushion and other high speed new technology. The study of urban rail and bus transit. The characteristics of the vehicle, the supporting way, and the terminal requirements will be			
Spring 2016	ENCE674	Graduate	Urban Transit Planning and Rail Transportation Engineering	evaluated with respect to system performance, capacity, cost, and level of service. Sources and effects of air pollutants, regulatory trends, atmospheric dispersion models, fundamentals of two-phase flow as applied to air pollution and air pollution control systems,	Course w/ Sustainability Course w/ Sustainability		
Spring 2016	ENCH672 ENCH686	Graduate	Control of Air Pollution Sources Advanced Heterogeneous Catalysis for Energy Applications	design of systems for control of gases and particulate matter. Introduction to heterogeneous catalytic science and technology for energy conversion and hydocarbon processing. Preparation and mechanistic characterization of catalyst systems, kinetics of catalyzed reactions, adsorption and diffusion influences in heterogenious reactions. An overview of heterogeneous catalysis in various energy-related applications, including petroleum refining, chemicals from biomass, valorization of shale gas, and CO2 utilization will be introduced Includes a unit on sustainability.	Course w/ Sustainability		
Fall 2016	ENEF41QP	Undergraduate	Tonics in Microelectronics: Renewable Energy	History of Photovoltaic (PV) Systems, PV Cell, Module and Array Models and Equivalent Circuits, Characteristic Resistance, Fill Factor, Effects of Parasitic Resistances, Mismatch Effects, Shading, Bypass Diodes, Sun Tracking Systems, Maximum Power Point Tracking (MPPT) Techniques, Isolated and Non-isolated Switch-mode DC/DC for PV Systems, Inverter Design and Control, Sizing the PV Panel and Battery Pack in PV Applications. Wind Energy Conversion Systems: Introduction to Wind Energy Harvesting, Horizontal and Vertical Wind Systems, Fundamentals of Wind Energy Harvesting Systems, Variable Speed and Fixed Speed Wind Energy Conversion Systems (WECS), Wind Turbines and Different Electrical Machines in Wind Applications, Induction Machine and Dynamic Model of Induction Machines, Synchronous Generators and Dynamic Model of SG, Control of Wind Energy Conversion Systems	Suctainability Course		
10112010	LINEC417K	under gradulate	Topics in whorderectronics. Renewable Energy	This course is designed to provide a fundamental understanding of energy conversion processes from solar illumination. The beginning of the course will focus on traditional topics including photovoltaic solar cells and solar thermal devices. We will discuss thermodynamic limits, device physics, and the optics and photonics of such devices. The latter part course will focus on future generation techniques, including multijunction and multi-exciton generation, as well as more speculative conversion processes, such as			
Fall 2016	ENEE489I	Undergraduate	Topics in Electrophysics; Solar Energy Conversion	rectifying antennas. Current issues of importance to fire protection engineering. Topics focus on advances in	Sustainability Course		
				basic fire science, computerized fire modeling, safety systems, human behavior and fire, fire			
Spring 2016	ENFP101	Undergraduate	Hot Topics in Fire Protection Engineering	toxicity, risk analysis, performance based fire safety, fire reconstruct			

Term	Course Code	Level	Course Title	Course Description	Course Type		
				Students work as teams to design and build a product using computer software for word-			
				processing, spreadsheet, CAD, and communication skills. Faculty for this course completed			
				the Sustainable Teaching Fellows Workshop and revised this course to include a			
Fall 2016	ENES100	Undergraduate	Introduction to Engineering Design	sustainability-related unit or project.	Course w/ Sustainability		
		0	5 5 5	Students work as teams to design and build a product using computer software for word-			
				processing, spreadsheet, CAD, and communication skills. The course will include an			
				examination of current literature in this field. Faculty for this course completed the			
				Sustainable Teaching Fellows Workshop and revised this course to include a sustainability-			
Spring 2016	ENES100	Undergraduate	Introduction to Engineering Design	related unit or project.	Course w/ Sustainability		
		onder gradate		Students work as teams to design and build a product using computer software for word-			
				processing spreadsheet CAD and communication skills. The course will include an			
				examination of current literature in this field. Eaculty for this course completed the			
				Sustainable Teaching Fellows Workshop and revised this course to include a sustainability-			
Sum I 2016	ENES100	Undergraduate	Introduction to Engineering Design	related unit or project	Course w/ Sustainability		
541112010	21120100	ondergradute	introduction to Engineering Besign	The seminar focuses on personal, academic and professional success by cultivating	course wy sustainability		
				leadership skills developing academic and technical ability and encouraging self awareness			
				identifying and employing strategies for academic and professional success, further			
				anhancing career development through networking and mentoring and developing			
Eall 2016	ENES213	Undergraduate	Virtus Living and Learning Community Seminar III	awareness of diversity issues	Course w/ Sustainability		
1 811 2010	LINESZIS	ondergraduate	Virtus Living and Learning Community Seminar in	The cominar focuses on personal academic and professional success by sultivating	Course w/ Sustainability		
				Ine seminal focuses on personal, academic and professional success by cultivating			
				ability and ancouraging colf awaranacs, identifying and employing strategies for academic			
				ability and encouraging sen awareness, identifying and employing strategies for academic			
				and professional success, further enhancing career development through networking,			
5-11 2010	ENECOME		FLEXUE Lining and Learning Community Consider III	mentoring and role modeling, and developing awareness of diversity issues, specifically	Course ou / Cousto in a bilito		
Fall 2016	ENES215	Undergraduate	FLEXUS Living and Learning Community Seminar III	gender diversity.	Course w/ Sustainability		
				The seminar focuses on gender diversity and its cross-sections with culture. Students			
				continue to enhance their leadership and mentoring skills, participate in networking			
				opportunities with women in leadership roles and careers in engineering, and engage in			
				opportunities for outreach and service-learning. Students will also complete a culminating			
Spring 2016	ENES216	Undergraduate	FLEXUS Living and Learning Community Seminar IV	semester project.	Course w/ Sustainability		
Fall 2016	ENES467		Engineering for Social Change	Critical analysis of issues at the intersection of engineering, philanthropy and social change.			
				How engineering design, products and processes have impacted social change in the past			
				and will do so in the future. Topics covered include energy, sustainability and climate			
				change, autonomy, the digital future, low cost engineering, manufacturing, ethics and the			
				impact of electronics on society. Faculty and external experts will engage with students on			
				these topics. Students will award a significant amount of grant money to an organization			
		Undergraduate		involved in technology for social change	Course w/ Sustainability		
Fall 2016	ENGL140		American Fictions: Cross-Examining U.S. Literature, History, and	Major works of American literature explored in relation to major texts and developments of	Course w/ Sustainability		
			Politics	U.S. history, culture and politics. Special attention to global contexts and complications of			
				"American" literature and history. Key historical and political issues include human rights,			
				democratic principles, independence, revolution, slavery, removal, immigration, free			
				speech, labor rights, civil rights, feminism, environmentalism, economic globalization,			
				technology and digital innovation, and the role literature and the humanities may play in			
		Undergraduate		fostering various forms of responsible citizenship.			
				An exploration of the stories black authors tell about themselves, their communities, and	Course w/ Sustainability		
				the nation as informed by time and place, gender, sexuality, and class. African American			
				perspective themes such as art, childhood, sexuality, marriage, alienation and mortality, as			
				well as representations of slavery, Reconstruction, racial violence and the Nadir, legalized			
				racism and segregation, black patriotism and black ex-patriots, the optimism of integration,			
Fall 2016	ENGL234	Undergraduate	African-American Literature and Culture	and the prospects of a post-racial America.			
				An exploration of the stories black authors tell about themselves, their communities, and	Course w/ Sustainability		
				the nation as informed by time and place, gender, sexuality, and class. African American			
				perspective themes such as art, childhood, sexuality, marriage, alienation and mortality, as			
				well as representations of slavery, Reconstruction, racial violence and the Nadir, legalized			
				racism and segregation, black patriotism and black ex-patriots, the optimism of integration,			
Spring 2016	ENGL234	Undergraduate	African-American Literature and Culture	and the prospects of a post-racial America.			
		-		Explores through written expression and through cinema the diverse and changing world of			
				US suburbia. Premised on two arguments: (1) the suburbs embody many of the contours			
				and contradictions of American life; and (2) the suburbs are far more racially, ethnically,			
				culturally, sexually, economically diverse than mass media suggests. Investigation via prose,			
				poetry, drama, and cinema, as well as secondary sources in sociology, women's studies,			
				ethnic studies, history, cultural studies, psychology, anthropology, and the history of science			
Sum I 2016	ENGL327	Undergraduate	The Suburbs in American Literature and Film	and technology.	Course w/ Sustainability		

Term	Course Code	Lovel	Course Title	Course Description			
Term	course coue	Level	course rice	Course Description	course rype		
				Structure of materials, chemical composition, phase transformations, corrosion and			
				mechanical properties of metals, ceramics, polymers and related materials. Materials			
				selection in engineering applications. The course will include an examination of current			
				literature in this field. Faculty for this course completed the Sustainable Teaching Fellows			
Fall 2016	ENMA300	Undergraduate	Introduction to Materials Engineering	Workshop and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability		
				Structure of materials, chemical composition, phase transformations, corrosion and			
				mechanical properties of metals, ceramics, polymers and related materials. Materials			
				coloction in orginating applications. The course will include an evamination of current			
				selection in engineering applications. The course will include an examination of current			
				literature in this field. Faculty for this course completed the Sustainable Teaching Fellows			
Spring 2016	ENMA300	Undergraduate	Introduction to Materials Engineering	Workshop and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability		
				Structure of materials, chemical composition, phase transformations, corrosion and			
				mechanical properties of metals, ceramics, polymers and related materials. Materials			
				selection in engineering applications. The course will include an examination of current			
				literature in this field. Faculty for this course completed the Sustainable Teaching Fellows			
Sum I 2016	ENMA300	Undergraduate	Introduction to Materials Engineering	Workshon and revised this course to include a sustainability-related unit or project	Course w/ Sustainability		
Spring 2016	ENIMAAA11	onder graduate	Materials for Energy II	Demonstrates the rele of materials in solving one of the most critical sesio economic issues	course wy sustainability		
Shing 2010	CINIVIA411		Waterials for Energy II	Demonstrates the fole of materials in solving one of the most childra socio-economic issues			
				of our time, affordable and sustainable energy. Materials for Energy is a two-part course			
				based on material functionality; however, they are independent and neither is a			
				prerequisite for the other. Materials for Energy II will focus on electrical, optical, thermal,			
				and mechanically functional materials for energy devices. Solar cells, solar fuel, solar			
				thermal, energy efficient lighting, building energy, thermoelectric and wind energy will be			
		Undergraduate		covered.	Course w/ Sustainability		
Eall 2016	ENIME423	onder gradate	Modern Climate Control	Eurodamentals and design calculations of heat and moisture transfer in huildings: evaluation	Course w/ Sustainability		
1 011 2010	LINIVIL423		Modern cannate control	of cooling, booting and power requirements of huildings, huilding one structure transfer in buildings; evaluation	course wy sustainability		
				or cooling, heating and power requirements of buildings; building energy consumption			
				simulations, use of alternative energy and energy conservation measures in buildings;			
				fundamentals of fans/pumps and air/water distribution in buildings; introduction to			
		Undergraduate		refrigeration and energy systems for data centers and other mission-critical facilities.			
Spring 2016	ENME424		Urban Microclimate and Energy	Urban microclimate from the perspective of transient heat and mass transfer using building			
				energy simulations for building clusters as well as LEED building certification criteria. The			
				focus is on understanding building energy consumption and environmental impacts from			
		Undergraduate		the individual building scale to a neighborhood scale	Sustainability Course		
C	ENIN 45 4 2 7	under graduate	COLMANDARIA Finding Descent for Communication (Church and Internity	the multitudal building scale to a neighbor nood scale.	Sustainability Course		
Spring 2016	ENIVIE427		CSI Mechanical: Finding Reasons for Compromised Structural Integrity	Understanding the causes of product failures including the political, societal, economic,	Sustainability Course		
				environmental, and ethical impact of these failures, and the strategies to avoid, postpone,			
				or mitigate them. Students will be encouraged to combine concepts from engineering,			
				natural sciences, social sciences, and the humanities to address these complex issues. Basics			
				of failure analysis, forensics, and reliability engineering and the scientific fundamentals			
				underlying the most common types of failure. Issues of legal liability. Methods for			
		Undergraduate		monitoring the existing condition of a structure			
Spring 2016	ENIME436	onder gradate	Renewable Energy	Fundamentals, design/analysis tools, and state of the art renewable energy technologies			
Spring 2010	LINIVIL450		Nenewable Liferby	Enormy recourses and debal perspectives of current and future energy technologies.			
				Energy resources and global perspectives of current and future energy			
				demand/consumption trends, followed by prime renewable energy technologies, including			
				wind, solar, hydro, geothermal, and ocean thermal energy conversion. Economics of			
				renewable energy, energy conservation opportunities, CO2 capture and storage, and			
		Undergraduate		thermal energy storage.	Sustainability Course		
Sum I 2016	ENME445		Design for Reliability	Failure prevention, accident prevention, design requirements analysis, designing right the	Course w/ Sustainability		
				first time, high system reliability, software reliability, manufacturing defect prevention. life			
				cycle costs reduction, design reviews, managing the design for reliability, design			
		Undergraduate		trustworthiness, product durability, and writing good specifications are covered			
Winter 2016		since 5 aunate	Design for Poliability	Eailure provention accident provention design requirements analysis designing right the	Course w/ Sustainability		
winter 2016	LINIVIE445		Design for Reliability	france prevention, accident prevention, design requirements analysis, designing right the	course w/ sustainability		
				first time, high system reliability, software reliability, manufacturing defect prevention, life			
				cycle costs reduction, design reviews, managing the design for reliability, design			
		Undergraduate		trustworthiness, product durability, and writing good specifications are covered.			
				The fundamentals of passenger vehicle and light truck design and vehicl dynamics are			
				covered. The engineering principles associated with acceleration, braking, handling, ride			
				quality, aerodynamics, and tire mechanics are discussed, as well as suspension and steering			
				design. Faculty for this course completed the Sustainable Teaching Fellows Workshop and			
Fall 2016	ENME454	Undergraduato	Vehicle Dynamics	revised this course to include a sustainability-related unit or project	Course w/ Sustainability		
Eall 2016	ENIME4C7	under grauuate	Engineering for Social Change	Critical analysis of include a sustainability related unit of project.	course wy sustainability		
Fall 2010	EINIVIE407		Engineering for Social Change	Critical analysis of issues at the intersection of engineering, philanthropy and social change.			
				How engineering design, products and processes have impacted social change in the past			
				and will do so in the future. Topics covered include energy, sustainability and climate			
				change, autonomy, the digital future, low cost engineering, manufacturing, ethics and the			
				impact of electronics on society. Faculty and external experts will engage with students on			
				these topics. Students will award a significant amount of grant money to an organization			
		Undergraduate		involved in technology for social change	Sustainability Course		
Fall 2016	ENME489X	Undergraduate	Special Topics in Mechanical Engineering	This course is approved for the Sustainability Studies Minor.	Course w/ Sustainability		
				The second se	,		

Torm	Course Code		Course Title	Course Description	Course Type	
Fall 2016	ENME701		Sustainable Energy Conversation and the Environment	Discussion of the major sources and end-uses of energy in our society with particular	Sustainability Course	
				emphasis on renewable energy production and utilization. Introduces a range innovative		
				technologies and discusses them in the context of the current energy infrastructure.		
				Renewable sources such as wind and solar are discussed in detail. Particular attention is		
		Graduate		paid to the environmental impact of the various forms of energy.		
Sum I 2016	ENME701		Sustainable Energy Conversation and the Environment	Discussion of the major sources and end-uses of energy in our society with particular	Sustainability Course	
				emphasis on renewable energy production and utilization. Introduces a range innovative		
				technologies and discusses them in the context of the current energy infrastructure.		
				Renewable sources such as wind and solar are discussed in detail. Particular attention is		
		Graduate		paid to the environmental impact of the various forms of energy.		
Spring 2016	ENME742		Urban Microclimate and Energy	Examines urban microclimate from the perspective of transient heat and mass transfer		
				using building energy simulations for building clusters. The focus is on understanding		
				building energy consumption and environmental impacts from the individual building scale		
				(~100) to a neighborhood scale (~103). Emerging morphological properties of building		
				clusters modulate transient convective and radiative heat transfer resulting in different		
				localmicroclimatic conditions. At the neighborhood scale, these conditions are analyzed		
				using heat and mass transfer simulations in building clusters to provide boundary conditions		
				for transient building energy simulations. At the individual building scale, besides the energy	1	
		Graduate		consumption, this course examines connection between indoor and outdoor environments.	Sustainability Course	
Sum I 2016	ENOM626		Waste to Energy Conversion	Thermal, chemical, and biological processes for conversion of wastes (primarily solid and	Sustainability Course	
				liquid) to reduce environmental impact and increase recovery of useful energy resources.		
				Emphasis on solid wastes and their composition. Identification of pollution products and		
		Graduate		their control.		
				Thermal engineering of modern power generation systems. Cycle analysis of various modern	ו	
				power generation technologies including gas turbine, combined cycle, waste burning and		
Fall 2016	ENPM622	Graduate	Energy Conversion I - Stationary Power	cogeneration. Energy storage and energy transport.	Course w/ Sustainability	
Fall 2016	ENPM624		Renewable Energy Applications	Thermodynamics and heat transfer of renewable energy sources for heating, power		
				generation and transportation. Wind energy, solar thermal, photovoltaic, biomass, waste		
				burning, and hydropower. Broad overview of the growing use of renewable energy sources		
		Graduate		in the world economy with detailed analysis of specific applications.	Sustainability Course	
Sum I 2016	ENPM626		Waste to Energy Conversion	Thermal, chemical, and biological processes for conversion of wastes (primarily solid and	Sustainability Course	
				liquid) to reduce environmental impact and increase recovery of useful energy resources.		
				Emphasis on solid wastes and their composition. Identification of pollution products and		
		Graduate		their control.		
Fall 2016	ENPM627		Environmental Risk Analysis	The fundamental methodology for analyzing environmental risk is described with examples	Course w/ Sustainability	
				for selected applications. Key elements of the environmental risk methodology include: (1)		
				source term and release characterization, (2) migration of contaminants in various media,		
				(3) exposure assessment, (4) dose-response evaluation, (5) risk characterization, and (6) risk		
				management. Also included will be an introduction to uncertainty analysis and		
				environmental laws and regulations. It is intended to provide students with the basic skills		
				and knowledge needed to manage, evaluate, or perform environmental risk assessments		
		Graduate		and risk analyses.		
Fall 2016	ENPM631		TCP/IP Networking	The physical processes controlling the spatial distribution of runoff and constituent		
				transport during rainfall and snowmelt events. Emphasis on the processes and practical		
				models of runoff simulation, storm water management and environmental impact		
		Graduate		assessment.	Course w/ Sustainability	
spring 2016	ENPM650		Solar Thermal Energy Systems	covers a review of related fundamentals, including limitations imposed by thermodynamics,		
				solar spectral characteristics, measurement, and analytical models to predict solar		
				irradiance with respect to time, location and orientation. The course will then examine the		
				characteristics of various components in solar thermal systems with particular emphasis on		
				flat plate and concentrating collectors, fixed and tracking collector systems, neat exchangers		
				and thermal storage to understand now they work and how their performance is influenced		
				by their design. The course will then lead to an examination or systems and system		
				performance, including system design, predicted energy savings and related economics. The		
				course will incroduce low temperature applications such as solar not water, space neating		
				and water distination, do well do concentrating solar energy for solar thermo-chemical		
		Graduate		importance to the development of Solar Thermal Power Systems will be assigned	Course w/ Sustainability	
		Graduate		Covers a wide range of energy management and energy efficiency tonics including energy	course wy sustainability	
				auditing energy efficient lighting systems and motors, demand limiting and control, control		
				strategies for ontimization, direct digital control, integrated building automation systems		
				communication networks distributed generation cogeneration combined bost and power		
				nrocess energy management and the associated economic analyses. Included will be the		
				latest internet hased technologies for accessing real-time energy pricing and managing		
Sum   2016	ENPM654	Graduate	Energy Systems Management	energy demand remotely for multiple buildings or campuses.	Course w/ Sustainability	
0						

Term	Course Code	Level	Course Title	Course Description	Course Type		
Spring 2016	ENPM656		Energy Converstion II Mobile Power	Presents the scientific and engineering basis for design, manufacture, and operation of thermal conversion technologies utilized for mobility power generation. The interface between fuel combustion chemistry and generated power are addressed. The practical aspects of design and operation of various alternatives for power are compared. The impact of choices with regard to power and fuel alternatives as well as air pollution potential are	Course w/ Sustainability		
Fall 2016	ENSP101	Graduate	Introduction to Environmental Science	also considered. One of two required courses that introduce students to the topics studied and methods employed in environmental science and policy. Emphasis on scientific ways of knowing; the systems, cycles, flows, and interfaces that characterize the atmosphere, lithosphere, hydrosphere, and biosphere; the analysis of human impacts on these systems; and the			
Spring 2016	ENSP101	Undergraduate	Introduction to Environmental Science	nature of scientific uncertainty and methods of quantifying environmental processes. One of two required courses that introduce students to the topics studied and methods employed in environmental science and policy. Emphasis on scientific ways of knowing; the systems, cycles, flows, and interfaces that characterize the atmosphere, lithosphere, hydrosphere, and biosphere; the analysis of human impacts on these systems; and the nature of scientific uncertainty and methods of quantifying environmental processes.	Course w/ Sustainability		
Sum I 2016	ENSP101	Undergraduate	Introduction to Environmental Science	One of two required courses that introduce students to the topics studied and methods employed in environmental science and policy. Emphasis on scientific ways of knowing; the systems, cycles, flows, and interfaces that characterize the atmosphere, lithosphere, hydrosphere, and biosphere; the analysis of human impacts on these systems; and the nature of scientific uncertainty and methods of quantifying environmental processes.	Course w/ Sustainability		
Spring 2016	ENSP102	Undergraduate	Introduction to Environmental Policy	Second of two courses that introduce students to the topics studied and methods employed in environmental science and policy. Emphasis on the process of formulating, implementing, and evaluating policy responses to environmental problems, with particular attention to policy controversies related to scientific uncertainty, risk assessment, the valuation of nature, and distributional equity. May be taken before or after ENSP101.	Sustainability Course		
Spring 2016	ENSP305	Undergraduate	Applied Quantitative Methods in Environmental Science and Policy	Intended for students interested in pursuing career or graduate research opportunities that will include management of environmental databases, detailed analysis of environmental data, and/or application of predictive environmental models. Students will learn necessary skills to manage and analyze environmental data through hands-on training in commonly used software and a series of topical case studies. Data analysis and data management will be taught using publicly available real-world environmental data sets.	Course w/ Sustainability		
Fall 2016	ENSP330	Undergraduate	Introduction to Environmental Law	An overview of environmental law, from its common law roots to its role in the modern regulatory state, including an examination of major federal environment statutes and the policy debates inherent in them. Other areas covered include civil and criminal enforcement, standing to sue, land use control, and regulatory takings.	Course w/ Sustainability		
Spring 2016	ENSP330	Undergraduate	Introduction to Environmental Law	An overview of environmental law, from its common law roots to its role in the modern regulatory state, including an examination of major federal environment statutes and the policy debates inherent in them. Other areas covered include civil and criminal enforcement, standing to sue, land use control, and regulatory takings.	Course w/ Sustainability		
Fall 2016	ENSP340	Undergraduate	Water: Science, Ethics and Law	Exploration of the science, policy, and ethical aspects of water resource protection and management. Focus on water pollution, water availability, ecosystems, and sustainability	Sustainability Course		
Spring 2016	ENSP342	Undergraduate	Environmental Threats to Oceans and coasts: Towards an Integrated Policy Response	An interdisciplinary study of the challenges of maintaining the health and vitality of oceans and coasts in the face of climate change, extreme weather, and other threats including pollution, and oil and gas development. Exploration of four broad themes: resource management, conservation and stewardship, pollution, and coastal zone management. Also, an analysis of current efforts to integrate these themes through ecosystem-based management; marine spatial planning; and related policy responses.	, Sustainability Course		
Fall 2016	ENSP399	Undergraduate	Special Topics in Environmental Science and Policy	A substantive and specialized examination of contemporary issues in environmental science or policy.	Course w/ Sustainability		
Spring 2016	ENSP399	Undergraduate	Special Topics in Environmental Science and Policy	A substantive and specialized examination of contemporary issues in environmental science or policy.	Course w/ Sustainability		
Sum I 2016 Fall 2016	ENSP399 ENSP399R	Undergraduate Undergraduate	Special Topics in Environmental Science and Policy Special Topics in Environmental Science and Policy	A substantive and specialized examination of contemporary issues in environmental science or policy.	Course w/ Sustainability Course w/ Sustainability Course w/ Sustainability		
Fall 2016	ENSP399R	Undergraduate	Capstone in Environmental Science and Policy	Integration of physical, biological, and social sciences with applications to environmental science and policy. Problem-solving and multi-disciplinary case study evaluations pertinent to contemporary and future issues related to the environment.	Course w/ Sustainability Course w/ Sustainability		
Spring 2016	ENSP400	Undergraduate	Capstone in Environmental Science and Policy	Integration of physical, biological, and social sciences with applications to environmental science and policy. Problem-solving and multi-disciplinary case study evaluations pertinent to contemporary and future issues related to the environment.	Course w/ Sustainability		
2hung 2010	LINOF 033N	GI auua Le	special ropids in Environmental science and Policy		course wy sustainability		

Term	Course Code	Level	Course Title	Course Description	Course Type		
Fall 2016	ENST 410	Undergraduate	Ecosystem Services: An Integrated Analysis	The importance of our ecosystems and the services they provide will be discussed. Basic principles used to analyze ecosystem services will be discussed and applied using case studies & field exercises. Forestland, wetlands and our marine resources are increasingly recognized for their ecosystem services provided to society, to include clean air and water, wildlife habitat, biodiversity, carbon storage and pollination services. This course will prepare students to deal with the complex issues involved in understanding those and other ecosystem services and their importance to society and environmental sustainability. Slowly, new markets are emerging for these services. Students will analyze the ecological, policy and financial dimensions of enhancing, restoring, and sustaining ecosystem services. New and on-going government programs and private business ventures will be discussed.	Sustainability Course		
Fall 2016	ENST100	Undergraduate	International Crop Production-Issues and Challenges in the 21st Century	Examines the role of crop production in elevating humans out of poverty in developing countries. It will introduce students to the basic principles of plant and soil science underlying the international production of food crops and world food security. The role of multinational agencies such as the World Bank in the promotion of sustainable crop production using environmentally-sound technologies will also be discussed.	Sustainability Course		
Spring 2016	ENST140	Undergraduate	Sustainability and History: The Maryland Experience	Examines the changing nature of concern over sustainability through the environmental history of the state of Maryland. The historical approach, supplemented by discussion of the basic scientific processes underlying ecosystem functions and human impacts on the environment, reveals both enduring and changing qualities of the search for sustainable patterns of living, beginning before 17th century European contact and continuing on into the environmental concerns of our own time.	Sustainability Course		
Fall 2016	ENST200	Undergraduate	Fundamentals of Soil Science	Study and management of soils as natural bodies, media for plant growth and ecosystem components. Morphology, composition, formation, and conservation of soils. Chemical, biological, and physical properties are discussed in relation to the production of plants, the functioning of hydrologic and nutrient cycles, the protection of environmental quality, and engineering uses of soils.	Course w/ Sustainability		
Fall 2016	ENST214	Undergraduate	Introduction to Fish and Wildlife Sciences	Lectures, discussion, and readings in social, biological, and human dimension issues facing fisheries and wildlife biologists and natural resource managers in the United States. Coverage will include history and philosophical discussions of fish and wildlife sciences; conservation and management; principles of community, habitat, and animal ecology and management; and interrelations of wildlife, fish, and forestry	Sustainability Course		
Fall 2016	ENST233	Indergraduate	Introduction to Environmental Health	How humans are affected by the quality of our air, water, soil, and foo supply as well as how human activities altered these survival necessities are examined. Students will learn how the evolution and prosperity of human populations have resulted in degradation of our environment and the impact of environmental degradation on the health of neonle	Sustainability Course		
Spring 2016	ENST233	Undergraduate	Introduction to Environmental Health	How humans are affected by the quality of our air, water, soil, and foo supply as well as how human activities altered these survival necessities are examined. Students will learn how the evolution and prosperity of human populations have resulted in degradation of our environment and the impact of environmental degradation on the health of people.	Sustainability Course		
Fall 2016	ENST281	Undergraduate	Computer Aided Design in Ecology	Basics of Computer Aided Drawing (CAD) applied to design of constructed ecosystems. Introduction to dynamic ecosystem modeling with iconographic simulation software. Course will spend 6 weeks on CAD and 8 weeks on modeling. Use of campus stormwater wetland as case study.	Course w/ Sustainability		
Spring 2016	ENST314	Ŭ	Fisheries Management and Sustainability	A detailed look at the ecology, management, and sustainability of fisheries resources.	Sustainability Course		
Fall 2016	ENST333	Undergraduate	Ecosystem Health and Protection	Concepts on human and ecological dimensions are emphasized. Discussion of the philosophies, principles, and practices for assessing ecosystem health with emphasis on an ecosystem perspective rather than a human health perspective. Degradation associated with human activities will be emphasized. Topics will range from local to regional to global issues, including a discussion on global warming and its possible impacts on ecosystems. Concepts will be clarified using case histories from the Chesapeake Bay watershed.	Sustainability Course		
Spring 2016	ENST334	Undergraduate	Environmental Toxicology	Concepts and case histories in ecotoxicology. Emphasis on origin and variety of environmental pollutants, routes of biological exposure, modes of toxicological action and effects on individual organisms, populations and ecosystems. Ecotoxicological issues in the Chesapeake Bay will be used as examples.	Course w/ Sustainability		
Fall 2016	ENST360	Undergraduate	Ecosystem Ecology	The study of ecology has a long and interesting history, from early society's efforts to understand and alter their environment as a matter of survival to the challenges the modern world is facing that are global in scale. Through the course text, distributed supplemental chapter readings and an understanding of the scientific literature, this course will cover the essential concepts and principles of ecosystem ecology as well as its history and past and present controversies. Several of the basic methods and tools of field research and the applied management of ecosystems will be discussed and demonstrated with several field excursions in the natural environs of the DC area. Central to this course will be the understanding that modern human society is an integral part of nature, with the power to impact and influence elements of the natural world at multiple scales. An analysis of policy implications for the biosphere will be discussed.	Sustainability Course		

Term	Course Code	Level	Course Title	Course Description	Course Type		
Spring 2016	ENST360		Ecosystem Ecology	The study of ecology has a long and interesting history, from early society's efforts to			
				understand and alter their environment as a matter of survival to the challenges the			
				modern world is facing that are global in scale. Through the course text, distributed			
				supplemental chapter readings and an understanding of the scientific literature, this course			
				will cover the essential concepts and principles of ecosystem ecology as well as its history			
				and past and present controversies. Several of the basic methods and tools of field research			
				and the applied management of ecosystems will be discussed and demonstrated with			
				several field excursions in the natural environs of the DC area. Central to this course will be			
				the understanding that modern human society is an integral part of nature, with the power			
				to impact and influence elements of the natural world at multiple scales. An analysis of			
		Undergraduate		policy implications for the biosphere will be discussed.	Sustainability Course		
				Consideration of the major groups of organisms associated with the Chesapeake Bay and			
				current issues that determine humans' present and future uses for the Chesapeake and its			
Fall 2016	ENST373	Undergraduate	Natural History of the Chesapeake Bay	biota.	Course w/ Sustainability		
				Credit will be granted for practical work carried out by students place in work environment	Course w/ Sustainability		
				related to their stated career goals. Students must do an in-depth study in some portion of			
				the work experience and produce a special project or report related to this study. A student			
Fall 2016	ENCTOR	11	Internetio	work log is also recommended. An evaluation from the external supervisor of the project			
Fall 2016	ENS1389	Undergraduate	Internship	will be required. Credit arranged with supervising faculty member.	Course of Containability		
				Credit will be granted for practical work carried out by students place in work environment	Course w/ Sustainability		
				related to their stated career goals. Students must do an in-depth study in some portion of			
				the work experience and produce a special project of report related to this study. A student			
Spring 2016	ENICTORO	Undependent	Interachia	will be required. Credit arranged with supervising faculty member			
3h1118 2010	21131303	onuer grauuate	internany	Credit will be granted for practical work carried out by students place in work environment	Course w/ Sustainability		
				related to their stated career goals. Students must do an in-denth study in some portion of	course wy sustainability		
				the work experience and produce a special project or report related to this study. A student			
				work log is also recommended. An evaluation from the external supervisor of the project			
Sum I 2016	ENST389	Undergraduate	Internshin	will be required. Credit arranged with supervising faculty member			
		onder gradate		Bridges science and management with ethical theory and concents to help scientists	Course w/ Sustainability		
				regulators and managers understand how to deal with notential ethical dilemmas that arise			
				in natural resource and environmental management implementation and policy			
Fall 2016	ENST404	Undergraduate	Ecological and Natural Resources Ethics	development.			
Spring 2016	ENST405		Energy and Environment	Introduction to the role of energy in environmental and human-dominated systems.	Sustainability Course		
				Discussion of the historical and modern production and consumption of energy.			
		Undergraduate		Introduction to energy systems computer simulation and energy auditing.			
Fall 2016	ENST410		Ecosystem Services: An Integrated Analysis	The importance of our ecosystems and the services they provide will be discussed. Basic			
				principles used to analyze ecosystem services will be discussed and applied using case			
				studies & field exercises. Forestland, wetlands and our marine resources are increasingly			
				recognized for their ecosystem services provided to society, to include clean air and water,			
				wildlife habitat, biodiversity, carbon storage and pollination services. This course will			
				prepare students to deal with the complex issues involved in understanding those and other	•		
				ecosystem services and their importance to society and environmental sustainability.			
				Slowly, new markets are emerging for these services. Students will analyze the ecological,			
				policy and financial dimensions of enhancing, restoring, and sustaining ecosystem services.			
		Undergraduate		New and on-going government programs and private business ventures will be discussed.	Sustainability Course		
Fall 2016	ENST415		Kenewable Energy	An overview of renewable energy technologies and their current applications. Emphasis will			
				be praced on technological readiness, efficiency and sustainability of renewable energy			
		والمتعام والمعالية والمعالية		anematives. recimologies include solar thermal, photovoltaics, biodiesel, ethanol,	Sustainability Course		
Eall 2016	ENCT417	undergraduate	Soil Hydrology and Dhysics	anaerooic uigestion, wind, nyuroelectric, and microbial fuel cells.	Course w/ Sustainability		
raii 2010	LIN3141/		Son myurology and Physics	A study of som water interactions: the hydrologic cycle; the unique properties of water and	course w/ sustainability		
				son, the son components and their interactions, the new water cycle; transport processes			
				measurement prediction and control of the physical processes taking place in and through			
		Undergraduate		the soil.			
				The chemistry and composition of mineral and organic colloids in soils including ion	Course w/ Sustainability		
				exchange, oxidation-reduction, acidity, surface charge, and solution chemistry. Lectures and	contraction of the state of the		
Spring 2016	ENST421	Undergraduate	Soil Chemistry	readings pertain to plant nutrition, waste disposal, and groundwater quality.			
Fall 2016	ENST422	Undergraduate	Soil Microbial Ecology	The interdisciplinary study of soil microorganisms and their interactions with the mineral ma	t Course w/ Sustainability		
Spring 2016	ENST423		Soil-Water Pollution	Reaction and fate of pesticides, agricultural fertilizers, industrial and animal wastes in soil	Sustainability Course		
		Undergraduate		and water with emphasis on their relation to the environment.			
Spring 2016	ENST432		Environmental Microbiology	Microorganisms are everywhere and mediate many of the processes that we observe	Sustainability Course		
-				everyday. These organisms are the unseen catalysts for numerous industrial processes and			
				are critical to many emerging technologies and novel products. Environmental			
				microbiologists ask: How do microorganisms in the environment benefit society? This			
				course will answer this question by examining microbes in bioremediation, food safety,			
		Undergraduate		climate change, and biotechnology.			

Term	Course Code	Level	Course Title	Course Description	Course Type		
5-11 201C	ENCTADA	Level	Touis Contoning at Courses Fats and Efforts	Course peseription	course type		
Fall 2010	EIN51454		Toxic Contaminants: Sources, Fate, and Effects	study of the release to the environment, transport through natural compartments,			
				persistence and ultimate fate of various classes of contaminants produced as a result of			
				human activities. Topics will culminate in discussions of impacts to wildlife and human			
				health. Students should emerge with a practical appreciation of the actual risks from			
				exposure to a variety of environmental contaminants and an understanding of the			
		Undergraduate		environmental and human health implications of continuing the contaminating activities	Sustainability Course		
Conting 2016	ENCT440	onder gradate	Grone Cails and Civilization	Pale and importance of some and soil accurace in the douglament of human suiling detractor	Sustainability course		
Shung 2010	EIN51440		crops, sons and civilization	Role and importance of crop and soll resources in the development of numan civilization.			
				History of crop and soil use and management as they relate to the persistence of ancient			
		Undergraduate		and modern cultures.	Course w/ Sustainability		
Fall 2016	ENST441		Sustainable Agriculture	Environmental, social and economic needs for alternatives to the conventional, high-input			
				farming systems which currently predominate in industrial countries. Strategies and			
		Undergraduate		practices that minimize the use of non-renewable resources	Sustainability Course		
Spring 2016	ENST443	ondergraddate	Industrial Ecology	Problems of waste management and recycling in human societies are covered. The	bustaniubniti bourse		
Spring 2010	LIN31445		industrial Ecology	roblems of waste management and recycling in muniar societies are covered. The			
				industrial ecology approach to design is contrasted with analogous patterns and processes			
		Undergraduate		from natural ecosystems.	Sustainability Course		
				Assessment of ecological impacts of perturbations on natural systems. Course will describe	Course w/ Sustainability		
				quantitative methods for estimating environmental impacts by extrapolating from			
				laboratory and field data. The role of regulatory agencies and implications of scientific			
Spring 2016	ENST445	Undergraduate	Ecological Risk Assessment	uncertainty on risk management will be covered			
5pmg 2010	ENGIATS	ondergraduate	Ecological hisk Assessment	Direct dancy on risk management will be covered.	Course w/ Sustainability		
				Franciano animal communities, progeochemistry, and ecosystem properties of wetland	course w/ sustainability		
				systems. Laboratory emphasizes collection and analysis of field data on wetland vegetation,			
Fall 2016	ENST450	Undergraduate	Wetland Ecology	soil, and hydrology.			
Spring 2016	ENST452		Wetland Restoration	Design, construction, and evaluation of wetlands restored or created to provide ecosystem			
				services or to mitigate losses due to development. Topics include fundamental properties of	F		
				wetlands, ecological restoration theory, site selection and goal-setting, design plans			
				protices for establishing working the sector of a poly organizing a sector of			
				practices for establishing wetrand hydrology, substrate, and vegetation, and restored			
				ecosystem monitoring. Two mandatory Saturday field trips will be neid (dates to be			
		Undergraduate		announced); waterproof boots or waders are recommended for field trips.	Sustainability Course		
				Ecological principles and requirements of wildlife as basis for management, and introduction	n Course w/ Sustainability		
				to the scientific literature. Conflicts in wildlife management, government administration of			
Fall 2016	ENST460	Undergraduate	Principles of Wildlife Management	wildlife resources, legislation, and history of the wildlife management profession.			
Fall 2016	ENST461	onder graddate	Urban Wildlife Management	Ecology and management of wildlife in urban areas. For students in biological sciences			
1 811 2010	LIN31401		orban wildine wanagement	geography landscape design netwol resources management respection and urban studies			
				geography, landscape design, natural resources management, recreation and urban studies.			
				Planning, design, and wildlife conservation in landscape ecology. Public attitudes,			
		Undergraduate		preferences, and values, review of private conservation organizations.	Sustainability Course		
				Introduction to general concepts of wildlife habitat ecology and management. Specifically,			
				land use practices on public and private lands and how these practices influence wildlife			
				production. Conduct wildlife habitat evaluations and options for alterations/manipulations			
				to achieve specific management goals. The class will culminate with the creation and			
Conting 2016	ENCTACE		Feelen, and Management of Wildlife Liebitate	all an ing of a wildlife management goals. The class will cummate with the creation and	Course w/ Sustainability		
Shing 2010	EIN31400	Undergraduate	Ecology and Management of Wildine Habitats	planning of a windire management plan.	Course w/ Sustainability		
				An introduction to the principles of wildlife habitat data analysis applied at the population			
				level. This class will teach students real world techniques used to determine and model			
				habitat use on multiple scales. This lab course complements the material covered in ENST			
Spring 2016	ENST467	Undergraduate	Ecology and Management of Wildlife Habitats Lab	466.	Course w/ Sustainability		
_		5	-	This course will be conducted in a group discussion format that will focus on professional	Course w/ Sustainability		
				project proposal preparation and presentation, critical evaluation of environmental science	, , , , , , , , , , , , , , , , , , , ,		
				research professional development and career planning. Students will develop and access			
E-11 2010	ENCT 474		Constants	research, professional development, and career planning, students will develop and present	L		
Fall 2016	ENSI4/1	Undergraduate	Capstone I	original project proposals and critique project proposals presented by others.			
				This course is the second in a two-part series. Students will continue work on projects	Course w/ Sustainability		
				proposed and begun in ENST471. Focus on professional project preparation, presentation,			
				critical evaluation on environmental science research, professional development, and career	r		
				planning. Students will develop and present original projects and critique projects presented	t de la constante de		
Spring 2016	ENST472	Undergraduate	Canstone II	hy others			
Spring 2010	ENST/01	shaci gi uudate	Ecological Design	An advanced survey course on the field of ecological docign. Brinciplas of docign are			
Shung 2010	EN31461		ECOlOgical Design	An auvanced survey course on the neid or ecological design. Principles of design are			
				inustrated with case studies from biologically-based waste treatment systems, ecosystem			
				management and sustainable development. Concepts covered include ecology, ecological			
				engineering, nutrient cycling, emergy, lifecycle analysis, and design process. Technologies			
				include treatment wetlands, living machines, anaerobic digestion, rain gardens, bioswales,			
		Undergraduate		bioremediation, algal turf scrubbers, and green building design.	Sustainability Course		
Fall 2016	ENST487		Environmental Conflicts and Decision Making	Designed primarily for teachers. Study of state's natural resources: soil water, fisheries	· · · · · · · · · · · · · · · · · · ·		
. 311 2010	2.101407		contraction connects and becision making	wildlife forests and minerals; natural resources problems and practices. Soli, water, fisheries,			
				study. Concentration on subject matter. Taken consumently with NDAT 407 is success			
				study. Concentration on subject matter. Taken concurrently with NKIVIT 497 IN SUMMER	Custo in a billto. Course		
		Undergraduate		season.	Sustainability Course		
Fall 2016	ENST489Z	Undergraduate	Field Experience	The course will include an examination of current literature in this field. Faculty for this course	's Course w/ Sustainability		

Term	Course Code	Level	Course Title	Course Description	Course Type			
				An independent study, and/or lecture, and/or laboratory series organize to study a selected	Course w/ Sustainability			
				phase of Environmental Science and Technology not covered by existing courses. Credit				
Fall 2016	ENST499	Undergraduate	Special Topics in Environmental Science and Technology	arranged with supervising faculty member.				
				An independent study, and/or lecture, and/or laboratory series organize to study a selected	Course w/ Sustainability			
				phase of Environmental Science and Technology not covered by existing courses. Credit				
Spring 2016	ENST499	Undergraduate	Special Topics in Environmental Science and Technology	arranged with supervising faculty member.				
				An independent study, and/or lecture, and/or laboratory series organize to study a selected	Course w/ Sustainability			
				phase of Environmental Science and Technology not covered by existing courses. Credit				
Sum I 2016	ENST499	Undergraduate	Special Topics in Environmental Science and Technology	arranged with supervising faculty member.				
Spring 2016	ENST499D	Undergraduate	Special Topics in Environmental Science and Technology		Course w/ Sustainability			
Fall 2016	ENST499E	Undergraduate	Special Topics in Environmental Science and Technology		Course w/ Sustainability			
Sum I 2016	ENST499P	Undergraduate	Special Topics in Environmental Science and Technology		Course w/ Sustainability			
Fall 2016	ENST499X	Undergraduate	Special Topics in Environmental Science and Technology		Course w/ Sustainability			
Fall 2016	ENST499Y	Undergraduate	Special Topics in Environmental Science and Technology		Course w/ Sustainability			
Spring 2016	ENST499Z	Undergraduate	Special Topics in Environmental Science and Technology		Course w/ Sustainability			
			Research Principles and Methodology in Environmental Scienceand	Fundamental research strategies and methods of investigation in Environmental Science	Course w/ Sustainability			
Fall 2016	ENST602	Graduate	Technolgy	and Technology including field and laboratory procedures.				
				Bridges science and management with ethical theory and concepts to help scientists,	Course w/ Sustainability			
				regulators, and managers understand how to deal with potential ethical dilemmas that arise				
				in natural resource and environmental management implementation and policy				
Fall 2016	ENST604	Graduate	Advanced Ecological and Natural Resource Ethics	development.				
Fall 2016	ENST622		Advanced Soil Microbial Ecology	The interdisciplinary study of soil microorganisms and their interactions with the mineral				
				matrix; resulting in processes such as nutrient cycling, decontamination, and natural				
				product production. We will focus on the diversity of soil communities, their survival				
				strategies, and the new strategies used to study these communities. The course will include				
				an examination of current literature in this field. Faculty for this course completed the				
				Sustainable Teaching Fellows Workshop and revised this course to include a sustainability-				
		Graduate		related unit or project.	Course w/ Sustainability			
Spring 2016	ENS1640		Advanced Crops, Soils, and Civilization	Explore the rise, cycling, resilience, and decline of civilizations and apply learning to modern	Course w/ Sustainability			
				issues in the fields of sustainability, environmental ethics, natural resource management,				
				and agriculture. Role and importance of crop and soil resources in the development of				
		Craduata		numan civilization. History of crop and son use and management as they feate to the				
Spring 2016	ENST643	Graduate	Advanced Industrial Ecology	Problems of waste management and recycling in human societies are covered. The				
3pmig 2010	LIN51045		Advanced industrial Ecology	industrial ecology approach to design is contracted with applogous patterns and processes				
		Craduate		from natural ecosystems	Sustainability Course			
		Graduate		Plant and animal communities biogeochemistry, and ecosystem properties of wetland	Course w/ Sustainability			
				systems. In-class laboratory will emphasize collection and analysis of field data on wetland	course wy sustainability			
Fall 2016	ENST650	Graduate	Advanced Wetland Ecology	vegetation soil and hydrology				
Spring 2016	ENST681	Graduate	Advanced Ecological Design	An advanced survey course on the field of ecological design. Principles of design are				
5pmg 2010	LINGTOOL		Advanced Ecological Design	illustrated with case studies from biologically-based waste treatment systems, ecosystem				
		Graduate		management and sustainable development.	Sustainability Course			
		ordddee		Biology ecology and taxonomy of aquatic insects in lotic and lentic habitats their	Course w/ Sustainability			
				adaptation to aquatic life their function in aquatic ecosystems, and their relationship to	course wy sustainability			
Spring 2016	ENTM667	Graduate	Aquatic Entomology	environmental deterioration.				
			1	A survey course discussing the various families of insects, discuss thing their anatomy and	Course w/ Sustainability			
				physiology, and their role in ecological systems. Students will examine the ecological and				
				evolutionary perspectives on interactions between plants and vertebrate and invertebrate				
				animals. Further, it explores the applied consequences of animal-plant interactions to				
				agroecology and conservation biology. These goals are achieved by reviewing the				
				theoretical underpinnings of animal-plant interactions, and exposing students to research				
Fall 2016	ENTM710	Graduate	Insect Biodiversity, Physiology and Ecology	literature on animal-plant interactions.				

Term	Course Code	level	Course Title	Course Description	Course Type		
Fall 2016	ENTM715	Graduate	Insect Diseases and Pathology	The course will integrate aspects of biochemistry, molecular biology and evolution theory with ecology using pathogens of insects as a model. In this course, students will learn about the various biotic (living) and abiotic (nonliving) factors that can contribute to plant problems, and how to evaluate evidence and distinguish between these factors to arrive at an accurate diagnosis. The course will explore the direction and goals of innovation in microbial biocontrol as well as the effect of social criticism and considerations of environmental impact on attempts to introduce engineered microorganisms. Students will develop an understanding of the coevolutionary games pathogens and their hosts play. To help achieve this objective common themes and important differences in human, plant and insect diseases will be identified; review the physiological and ecological interactions between insects and pathogens and the application of pathogens for biocontrol and develop skills and knowledge required for critical thinking on the potential of using transgenics to improve management strategies for agriculture and the control of insect vectors of human disease. The first step to managing pest and disease problems in plants is an accurate diagnosis.	Course w/ Sustainability		
				This course will examine introduced species impact, how invasive and exotic species spread,			
Spring 2016	ENTM720	Graduate	Native, Invasive, and Exotic Species	their impact of native species and methods of invasive species control.	Course w/ Sustainability		
Spring 2016	ENTM725	Graduate	IPM Practices	Students will be introduced to the techniques of integrated pest management for proper pest control management. Integrated Pest Management (IPM) has been the most successful management paradigm for agriculture, forestry, and urban pest management for more than five decades. Students will learn the fundamental elements of IPM programs including recognition and monitoring of key pests, formation of decision-making guidelines, intervention tactics, and fundamentals of assessment.	Sustainability Course		
				The first step to managing pest and disease problems in plants is an accurate diagnosis. In			
Winter 2016	ENTM730	Graduate	Plant Diagnostics	this course, students will learn about the various biotic (living) and abiotic (nonliving) factors that can contribute to plant problems, and how to evaluate evidence and distinguish between these factors to arrive at an accurate diagnosis.	Course w/ Sustainability		
Sum I 2016	ENTM735		Sustainability	Application of the concept of sustainability to both ecosystem services provided by			
		Graduate		beneficial insects, as well as the management of injurious insects. Ecological functions of insects in the natural and anthropogenic landscape will be illustrated and discussed. In addition, case histories and discussions will focus on themes of sustainability in successful IPM programs, as well as specific practices that lead to sustainable agriculture. The course will conclude with the development of a list of sustainable practices for conserving and managing insects in the landscape.	Sustainability Course		
Spring 2016	ENTM740	or addate	Organic Practices	Students learn about alternative to chemical nesticides, and what being certified organic	Sustainability Course		
5pmg 2010	ENTWI740	Graduate	organic fractices	entails and how these practices relate to ecological principles. This course will discuss various natural processes that occur in the farm setting to determine the best practices to maintain biodiversity and successful crop production.	Sustainability Course		
				Students will be given an overview of the importance of insect pollinators and threats to	Course w/ Sustainability		
Sum I 2016	ENTM747	Graduate	Pollinator Health	their populations. Emphasis will be placed on managed pollinators, particularly but not exclusively honey bees, where disease mitigation plans will be highlighted.			
				genetics, molecular genetics and biotechnology on the study of insects. Topics will include the use of insects as models for studying human biology and diseases; the use of genetics and genetic technologies to augment existing strategies for managing pest insects and well as the invention of novel management approaches; the use of genetics and genetic			
Fall 2016	ENTM760	Graduate	Insects in the 21st Century	technologies in the fields of insect conservation, ecology and evolution.	Course w/ Sustainability		
Fall 2016	EPIB301	Undergraduate	Epidemiology for Public Health Practice	An examination of the discipline of epidemiology and its application to public health issues and practices, covering current epidemiological concepts and methods. The course will include an examination of current literature in this field. Faculty for this course completed the Sustainable Teaching Fellows Workshop and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability		
Spring 2016	EPIB301	Undergraduate	Epidemiology for Public Health Practice	An examination of the discipline of epidemiology and its application to public health issues and practices, covering current epidemiological concepts and methods. The course will include an examination of current literature in this field. Faculty for this course completed the Sustainable Teaching Fellows Workshop and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability		
Fall 2016	EPIB330	Undergraduate	The Coming Plague: Public Health Perspectives	Disease control and prevention is fundamental to the health of local, national, and global populations. Infectious agents are constantly adapting and breaching our defenses. Factors related to society, the environment, and our increasing global interconnectedness increase the likelihood of disease emergence and spread. Vaccines and antibiotics, demographic changes and urbanization, climate change and natural disasters, international travel and commerce, poverty and war create conditions for infectious diseases to spread. So how do we design and execute solutions to public health hystems?	Sustainability Course		

Term	Course Code	Level	Course Title	Course Description	Course Type		
Spring 2016	EPIB330		The Coming Plague: Public Health Perspectives	Disease control and prevention is fundamental to the health of local, national, and global			
				populations. Infectious agents are constantly adapting and breaching our defenses. Factors			
				related to society, the environment, and our increasing global interconnectedness increase			
				the likelihood of disease emergence and spread. Vaccines and antibiotics, demographic			
				changes and urbanization, climate change and natural disasters, international travel and			
				commerce, poverty and war create conditions for infectious diseases to spread. So how do			
				we design and execute solutions to public health threats? How do research, policies,	Custo in chility. Course		
		Undergraduate		interventions, and budgets affect public health systems?	Sustainability Course		
				Overview of the major social variables that affect public health, including socioeconomic	Course w/ Sustainability		
Fall 2016	EDIR622	Craduata	Social Determinants of Health	status, poverty, income distribution, race, social networks/support, community conesion,			
1 811 2010	LFID022	Graduate	Social Determinants of Health	Enduring racial disparities in health in the U.S. represent a critical public health dilemma	Course w/ Sustainability		
				This course critically evaluates research on race, racism, and health from an epidemiologic	course wy sustainability		
				perspective. Examine how race has been conceptualized and measured, tease out			
				underlying assumptions, and discover sources of racial disparities in health from an			
Spring 2016	EPIB661	Graduate	Race and Health	epidemiologic or population-based lens.			
				Internship and seminar providing an opportunity to apply previously acquired knowledge	Course w/ Sustainability		
				and skills in a health or allied health organization. Setting of the internship will depend upon			
Fall 2016	EPIB785	Graduate	Internship in Public Health	the student's background and career goals.			
				Internship and seminar providing an opportunity to apply previously acquired knowledge	Course w/ Sustainability		
				and skills in a health or allied health organization. Setting of the internship will depend upon			
Spring 2016	EPIB785	Graduate	Internship in Public Health	the student's background and career goals.			
				Internship and seminar providing an opportunity to apply previously acquired knowledge	Course w/ Sustainability		
Sum 1 2016		Construction	Internship in Dublic Health	and skills in a health or alled health organization. Setting of the internship will depend upon the student's background and career goals			
Sum 12016	EPIB/05	Graduate	Internship in Public Realth	Interschie and cominge providing on apportunity to apply providually acquired (nouvledge	Course w/ Sustainability		
				and skills in a health or allied health organization. Setting of the internship will depend upon	Course w/ Sustainability		
Winter 2016	FPIB785	Graduate	Internshin in Public Health	the student's hackground and career goals			
Winter 2010	2110/05	Graduate		Capstone experience providing opportunity to apply knowledge and skills to a specific public	Course w/ Sustainability		
				health problem or issue. Completion of project relevant to public health under the direction			
Fall 2016	EPIB786	Graduate	Capstone Project in Public Health	of an advisor.			
				Capstone experience providing opportunity to apply knowledge and skills to a specific public	Course w/ Sustainability		
				health problem or issue. Completion of project relevant to public health under the direction			
Spring 2016	EPIB786	Graduate	Capstone Project in Public Health	of an advisor.			
				Capstone experience providing opportunity to apply knowledge and skills to a specific public	Course w/ Sustainability		
				health problem or issue. Completion of project relevant to public health under the direction			
Sum I 2016	EPIB786	Graduate	Capstone Project in Public Health	of an advisor.			
Fall 2016	50514220	the demonstration designs	Public Loolth Doliny	An exploration of the major questions and issues facing the U.S. health care system as well	Course w/ Sustainability		
Fall 2010	FGSIVI320	Undergraduate	Public Realth Policy	As the formulation and implementation of health policy.	Sustainability Course		
1 811 2010	103101340	Undergraduate	Lifergy and Environmental Policy	investigation of nolicy-making in energy climate change, and sustainable development	Sustainability Course		
Fall 2016	EGSM370	ondergraddate	Science Diplomacy: Foreign Policy & Science, Technology, and	An exploration of the critical roles scientific knowledge and technological innovation play in			
10112010	10011070		Innovation	the formation and implementation of foreign policy issues, including energy and climate			
		Undergraduate		change, public health, space and innovation, and economic development.	Course w/ Sustainability		
				An examination of global issues and responses primarily from the perspective of the			
				practitioner. The focus will be on social, humanitarian, and human rights issues in different			
Fall 2016	FGSM380	Undergraduate	Responses to Global Challenges	global contexts.	Course w/ Sustainability		
				Investigation of how diverse political, cultural and religious agendas of the late 20th through			
				early 21st centuries construct a wide variety of war fictions, or ideologically informed war			
Winter 2016	FILM341	Undergraduate	Filming War Zones: Representations of Wars in Iraq & Chechnya	narratives	Course w/ Sustainability		
Carrie - 2016	5105454		FIDE CENTER 2: Custoire bility Areabies	FIRE SEMESTER 2 course for students in the FIRE program joining the Sustainability Analytics	Sustainability Course		
Shung 2010	FIREISI	Undergraduate	FIRE SEIVIESTER 2. SUSTAINADINITY ANALYTICS	research stream.	Course w/ Susteinshility		
Spring 2016	EIRE152	Undergraduate	FIRE SEMESTER 2: Environmental Pathogens	Pite Servics Let 2 course for students in the Fike program joining the environmental	Course w/ Sustainability		
Fall 2016	FIRE251	under graduate	FIRE SEMESTER 2: Sustainability Analytics	A collaborative research engagement focusing quantitative policy analysis related to			
. 311 2010			The serves ren st sustainability Analytics	resource, environment and energy sustainability. Research methods involve examination of			
				how species characteristics, ecosystems, markets, technology and trade influence the			
				conservation or overexploitation of natural resources. Additional areas of interest include			
				analysis of adoption trends of renewable energy technologies and interventions to			
				encourage households and small businesses to invest in cost-effective, energy-saving			
		Undergraduate		technologies.	Sustainability Course		
Fall 2016	FIRE252		FIRE SEMESTER 3: Environmental Pathogens	A collaborative research engagement focusing on microbial contamination of the			
				Chesapeake Bay and local waterways. Research methods engaged include monitoring			
				waterways for pathogenic organisms through genome tragment enrichment and direct	Custo in chility. Course		
		undergraduate		sequencing to identify the sources of microbial contamination.	Sustainability Course		

Term	Course Code	Level	Course Title	Course Description	Course Type	
				Students will learn about global maternal, child and family health issues and how these	Course w/ Sustainability	
				issues may affect their lives. Interdisciplinary teams of students will collaborate to develop	course wy sustainability	
				programs aimed at improving global family health through the use of information and		
Spring 2016	EMSC280	Undergraduate	Global Child & Family Health: Getting There Via E-Communications	communications technologies		
opinig 2010	111150200	ondergradute		Students will learn about global maternal, child and family health issues and how these	Course w/ Sustainability	
				issues may affect their lives. Interdisciplinary teams of students will collaborate to develop	course wy sustainability	
				programs aimed at improving global family health through the use of information and		
Sum I 2016	EMSC280	Undergraduate	Global Child & Family Health: Getting There Via E-Communications	communications technologies		
501112010	110130280	ondergraduate	Global, child & Fahiny Health. Getting there via E-communications	Overview of the major issues in Maternal, Child, and Family Health in the LLS, and the world	Course w/ Sustainability	
				The course will cover the social political environmental and economic factors that change	Course w/ Sustainability	
				the health of women, children, and families throughout the life course. It will employ the		
				core disciplines of public health 1) enidemiology/biostatistics 2) environmental health 2)		
				bealth policy and administration, and 4) social and behavioral bealth to examine these		
				factors. The course introduces specific issues and interventions and places these issues and		
Fall 2016	EMSC310	Undergraduate	Maternal, Child and Family Health	interventions within their broad sociobistorical context		
10112010	110150510	ondergraduate	Material, enila and ranny realth	Overview of the major issues in Maternal, Child, and Eamily Health in the LLS, and the world	Course w/ Sustainability	
				The course will cover the social political environmental and economic factors that change	Course w/ Sustainability	
				the health of women, children, and families throughout the life course. It will employ the		
				core disciplines of public health 1) enidemiology/biostatistics 2) environmental health -3)		
				boolth policy and administration, and 4) social and behavioral boolth to examine these		
				factors. The course introduces specific issues and interventions and places these issues and		
Sum I 2016	EMSC310	Undergraduate	Maternal, Child and Family Health	interventions within their bread resiductorical context		
501112010	110130310	ondergraduate	Maternal, enild and ranning realth	Social political cultural and economic factors influencing income and wealth in American		
Fall 2016	EM6C291	Undependent	Deverty Affluence and Families	familiar	Course w/ Sustainability	
1 811 2010	110130381	ondergraduate	Poverty, Andence, and Families	Social political cultural and economic factors influencing income and wealth in American	course wy sustainability	
Spring 2016	EM6C291	Undorgraduato	Boyerty Affluence and Eamilier	familiar	Course w/ Sustainability	
Spring 2016	FIVISCS61	undergraduate	Poverty, Annuence, and Families	Iditilies.	Course w/ Sustainability	
Sum 1 2016	FM6C201	the design of the design	Deverty Affluence and Families	Social, political, cultural and economic factors influencing income and wealth in American	Course w/ Sustainability	
301112010	FIVISCS01	undergraduate	Poverty, Anderce, and Parimes	our interview of major instance, policing, and programs related to the health of women, shildren	Course w/ Sustainability	
				Overview of major issues, policies, and programs related to the health of women, children,	Course w/ Sustainability	
				determinants of maternal and shild health and health disperities. Use of enidemialogical		
				determinants of maternal and child heatin and nearth dispartices. Ose of epidemiological		
Spring 2016	EMSC410	Undependent	Maternal, Child and Family Health	practice		
Spring 2016	FIVISC410	Undergraduate	Maternal, Child and Family Health	practice.	Course of Courte in a hiliter	
				Examination of the history, structure, cultural foundation, and unversity of African American	Course w/ Sustainability	
				identify me is the focus of this class. Presentations and discussions enable students to		
				African American familias, (2) the impact of social policy on African American familias, and		
				African American family life (e.g., marriage and diverse, parenting, shild development		
Winter 2016	EMECADO	Undependent	African American Families	(5) specific aleas of failing file (e.g., marriage and divorce, parenting, child development,		
winter 2016	FIVISC420	Undergraduate	African American Families	Realth dispartices).	Course w/ Sustainability	
				Userview of issues impacting contemporary minitary families including during times of war.	Course w/ Sustainability	
				identification of challenges faced by military families related to deployment/reunion and		
Sum 1 2016	ENACCASE	the design of the design	Military and Veteran Family Convisas	thental and physical nearling with consider members, vistorands, and military families		
Sum 12010	FIVI3C425	Undergraduate	Willitary and Veterali Family Services	Strategies for working with service members, veterans, and minitary families.	Course w/ Sustainability	
				Overview of issues impacting contemporary military families including during times of war.	Course w/ Sustainability	
				Identification of challenges faced by military families related to deployment/reunion and		
Winter 2010	EN ACCADE		Military and Matanan Franks Camilan	mental and physical health, as well as support systems available. Examination of skills and		
Winter 2016	FIVISC425	Undergraduate	Military and Veteran Family Services	strategies for working with service members, veterans, and military families.	Course of Courte in a hiliter	
				Survey of current science in maternal and child health informed by a life course perspective.	Course w/ Sustainability	
				The surveyed topics include inutero exposure to toxins, reeding and growth, and effects of		
Fall 2016	FMSC710	Graduate	Maternal and Child Health from a Life Course Perspective	chronic stress, maternal and child health.		
				Review of key issues on the frontier of maternal and child health research and practice	Course w/ Sustainability	
				within broad public health and socio-cultural context. Examines current maternal and child		
				health issues such as ethics, child and family health, health and socioeconomic disparities,		
Spring 2016	FMSC730	Graduate	Key Topics in Maternal and Child Health	child nutrition and obesity, military family health, and global health.		
				Development and analysis of public policies affecting the health and well-being of children,	Course w/ Sustainability	
				youth, and ramilies, with an emphasis on low income and ethnic minority populations.		
				Examination of social, economic, and political dynamics that influence family and health		
				policies and the delivery of health care. Introduction to health advocacy within the US public		
Fall 2016	FMSC750	Graduate	Family and Health Policy	health system.		
2016	FREN389		Critical Writing on France and the French-Speaking World: Animals	Faculty have modified this course to include a sustainability component after they	Course w/ Sustainability	
		Undergraduate	and Literary Zoos	completed the Sustainable Teaching Fellows workshop.		
Fall 2016	GEOG110		The World Today: Global Perspectives	The most critical issue facing the world today is the sustainability of both human and		
				physical systems in the 21st century. This class uses the context of regions of the world to		
				explore the 21st century issues of climate change, development, politics, economy, and		
		Undergraduate		demography. Each region will be used to highlight aspects of sustainability.	Sustainability Course	

Term	Course Code	Level	Course Title	Course Description	Course Type		
Sum I 2016	GEOG110		The World Today: Global Perspectives	The most critical issue facing the world today is the sustainability of both human and physical systems in the 21st century. This class uses the context of regions of the world to evaluate the 21st century issues of climate change development politics economy and			
		Undergraduate		demography. Each region will be used to highlight aspects of sustainability.	Sustainability Course		
Winter 2016	GEOG110		The World Today: Global Perspectives	The most critical issue facing the world today is the sustainability of both human and			
				physical systems in the 21st century. This class uses the context of regions of the world to explore the 21st century issues of climate change, development, politics, economy, and			
		Undergraduate		demography. Each region will be used to highlight aspects of sustainability.	Sustainability Course		
Fall 2016	GEOG130		Developing Countries	An introduction to the geographic characteristics of the development problems and prospects of developing countries. Spatial distribution of poverty, employment, migration			
				and urban growth, agricultural productivity, rural development, policies and international			
a : 2046	0500400	Undergraduate		trade. Portraits of selected developing countries.	Sustainability Course		
Spring 2016	GEOG130		Developing Countries	an introduction to the geographic characteristics of the development problems and prospects of developing countries. Spatial distribution of poverty, employment, migration			
				and urban growth, agricultural productivity, rural development, policies and international			
Curr 1 201 C	6506130	Undergraduate	Developing Countries	trade. Portraits of selected developing countries.	Sustainability Course		
Sum 1 2016	GEOG130		Developing Countries	prospects of developing countries. Spatial distribution of poverty, employment, migration			
				and urban growth, agricultural productivity, rural development, policies and international			
Winter 2016	GE0G120	Undergraduate	Poveloping Countries	trade. Portraits of selected developing countries.	Sustainability Course		
Willer 2010	GEOGISU		Developing Countries	prospects of developing countries. Spatial distribution of poverty, employment, migration			
				and urban growth, agricultural productivity, rural development, policies and international			
Fall 2016	GEOG140	Undergraduate	Natural Disasters: Earthquakes, Eloods, and Eiros	trade. Portraits of selected developing countries.	Sustainability Course		
10112010	0100140		Natara Disasters. Eartingaakes, Hoods, and Hies	global environmental change and it is essential that today's students be equipped with the	Sustainability course		
				knowledge and skills to be leaders as we, as a society, understand the upheaval that these			
				the interdisciplinary perspective afforded by the field of Geography. Students will use the	n		
				latest geographic science concepts and techniques in exploring these events. Using satellite			
		Undergraduate		imagery they will gain a multi-scale perspective of the ecological and societal aspects of the			
Spring 2016	GEOG140	Undergraduate	Natural Disasters: Earthquakes, Floods, and Fires	Catastrophic Environmental Events (CCE) that are becoming more common i this time of	Sustainability Course		
				global environmental change and it is essential that today's students be equipped with the			
				knowledge and skills to be leaders as we, as a society, understand the upheaval that these			
				the interdisciplinary perspective afforded by the field of Geography. Students will use the			
				latest geographic science concepts and techniques in exploring these events. Using satellite			
		Undergraduate		imagery they will gain a multi-scale perspective of the ecological and societal aspects of the events.			
Sum I 2016	GEOG140	Shacigiadate	Natural Disasters: Earthquakes, Floods, and Fires	Catastrophic Environmental Events (CCE) that are becoming more common i this time of	Sustainability Course		
				global environmental change and it is essential that today's students be equipped with the			
				CCEs are causing. Students will examine how CEEs shape human society and ecosystem from	n		
				the interdisciplinary perspective afforded by the field of Geography. Students will use the			
				latest geographic science concepts and techniques in exploring these events. Using satellite imagery they will gain a multi-scale perspective of the ecological and societal aspects of the			
		Undergraduate		events.			
Winter 2016	GEOG140		Natural Disasters: Earthquakes, Floods, and Fires	Catastrophic Environmental Events (CCE) that are becoming more common i this time of	Sustainability Course		
				global environmental change and it is essential that today's students be equipped with the knowledge and skills to be leaders as we, as a society, understand the unbeaval that these			
				CCEs are causing. Students will examine how CEEs shape human society and ecosystem from	n		
				the interdisciplinary perspective afforded by the field of Geography. Students will use the			
				imagery they will gain a multi-scale perspective of the ecological and societal aspects of the			
		Undergraduate		events.			
				Introduction to technical methods used in gathering, analyzing, and presenting geospatial	Course w/ Sustainability		
Fall 2016	GEOG170	Undergraduate	Introduction to Methods of Geospatial Intelligence and Analysis	situational awareness, disaster management, and human systems. Topics inc	,		
Fall 2016	GEOG201		Geography of Environmental Systems	A systematic introduction to the processes and associated forms of the atmosphere and			
		Undergraduato		earth's surfaces emphasizing the interaction between climatology, hydrology and geomorphology. This course is approved for the Sustainability Studies Minor	Course w/ Sustainability		
Spring 2016	GEOG201	under graudate	Geography of Environmental Systems	A systematic introduction to the processes and associated forms of the atmosphere and	course wy sustainability		
				earth's surfaces emphasizing the interaction between climatology, hydrology and			
		Undergraduate		geomorphology. This course is approved for the Sustainability Studies Minor.	Course w/ Sustainability		

Term	Course Code	Level	Course Title	Course Description	Course Type			
Spring 2016	GEOG202		Introduction to Human Geography	Introduction to what geographers do and how they do it. Systematic stud of issues regarding				
				social and cultural systems from a global to a local scale. Looks at the distribution of these				
				variables and answers the question "Why here, and not there"? This course is approved for				
Sum 1 2016	6506303	Undergraduate	Introduction to Human Coography	the Sustainability Studies Minor.	Course w/ Sustainability			
Sum 12016	GEOG202		Introduction to Human Geography	introduction to what geographers do and now they do it. Systematic stud of issues regarding				
				variables and answers the question "Why here and not there"? This course is approved for				
		Undergraduate		the Sustainability Studies Minor.	Course w/ Sustainability			
Winter 2016	GEOG202	onder graddate	Introduction to Human Geography	Introduction to what geographers do and how they do it. Systematic study of issues				
				regarding social and cultural systems from a global to a local scale. Looks at the distribution				
				of these variables and answers the question "Why here, and not there"? This course is				
		Undergraduate		approved for the Sustainability Studies Minor.	Course w/ Sustainability			
Fall 2016	GEOG211		Geography of Environmental Systems Laboratory	A laboratory course to accompany GEOG 201. Analysis of the components of the earth's				
				energy balance using basic instrumentation; weather map interpretation; soil analysis; the				
		Undergraduate		application of map and air photo interpretation techniques to landform analysis.	Course w/ Sustainability			
Spring 2016	GEOG211		Geography of Environmental Systems Laboratory	A laboratory course to accompany GEOG 201. Analysis of the components of the earth's				
		the demonstration of the		energy balance using basic instrumentation; weather map interpretation; soil analysis; the	Course w/ Sustainability			
Fall 2016	GEOG330	Undergraduate	As the World Turns: Society and Sustainability in a Time of Great	Cultural geography course on society and sustainability. Culture is the basic building block	Sustainability Course			
Fail 2010	GEOGSSU		Change	that is key to sustainability of societies. Course will cover sustainability of societies on	Sustainability Course			
			change	different scales, examining local, regional, and worldwide issues. Sustainability will be				
				examined as a key element of environmental sustainability. How societies adjust to rapid				
		Undergraduate		world change will be examined as a positive and/or negative factor in sustainability.				
Sum I 2016	GEOG330		As the World Turns: Society and Sustainability in a Time of Great	Cultural geography course on society and sustainability. Culture is the basic building block	Sustainability Course			
			Change	that is key to sustainability of societies. Course will cover sustainability of societies on				
				different scales, examining local, regional, and worldwide issues. Sustainability will be				
				examined as a key element of environmental sustainability. How societies adjust to rapid				
	0500000	Undergraduate		world change will be examined as a positive and/or negative factor in sustainability.				
Winter 2016	GEOG330		As the World Turns: Society and Sustainability in a Time of Great	Cultural geography course on society and sustainability. Culture is the basic building block	Sustainability Course			
			Change	that is key to sustainability of societies. Course will cover sustainability of societies on different scales, examining local, regional, and worldwide issues. Sustainability will be				
				examined as a key element of environmental sustainability. How societies adjust to ranid				
		Undergraduate		world change will be examined as a positive and/or negative factor in sustainability.				
Spring 2016	GEOG331	5	Introduction to Human Dimensions of Global Change	Introduction to global-scale interrelationship between human beings and the environment.	Sustainability Course			
				The development of global issues including but not limited to the environment, food,				
		Undergraduate		energy, technology, population, and policy.				
				Principles of managing scarce resources in a world where everyone faces tradeoffs across				
				both time and space. Focuses on the relationship between globalization processes and				
5 11 204 6	0500000			changing patterns of locational advantages, production, trade, population, socioeconomic				
Fall 2016	GEOG332	Undergraduate	Economic Geography	and environmental grace and sustainability.	Sustainability Course			
				The spatial characteristics of population distribution and growth, migration, fertility and	Course w/ Sustainability			
Spring 2016	GEOG235	Undorgraduato	Population Geography	mortality from a global perspective. Basic population-environmental relationships; carrying capacity density and relationships to national development				
Spring 2016	GE0G415	under graduate	Land Use. Climate Change and Sustainability	The issues of climate change and land use change as two interlinked global and regional				
op	0200115	Undergraduate		environmental issues and their implications for society and resource use are explored.	Course w/ Sustainability			
				Develops skills to carry out research that integrates environmental and economic aspects of	, ,			
				sustainability by introducing extensively used quantitative tools for analyzing human-				
				environmental interactions in the field of ecological economics. These include, e.g., index				
				number calculations and decomposition analysis, Environmental Kuznets Curve (EKC),				
				environmental input-output analysis and life-cycle analysis, and multi-criteria decisions aid				
Fall 2016	GEOG416	Undergraduate	Conceptualizing and Modeling Human-Environmental Interactions	(MCDA). Students will need laptops to run models during class.	Sustainability Course			
				Basic issues concerning the natural history of humans from the perspective of the				
Spring 2016	GEOG421	Undergraduate	Changing Geographies of China	geographer, basic components or selected benavioral and natural systems, their evolution	Course w/ Sustainability			
Fall 2016	GE0G421	undergraduate	Latin America	and adaptation, and survival strategies. A geography of Latin America and the Caribbean in the contemporary world: political and	Course w/ sustdilldDillty			
. 011 2010	3100423			cultural regions, population and natural resource distribution economic and social				
		Undergraduate		development, poverty, crime, urbanization, migration trends, and natural disasters.	Course w/ Sustainability			
				Basic issues concerning the natural history of humans from the perspective of the				
				geographer. Basic components of selected behavioral and natural systems, their evolution				
Fall 2016	GEOG431	Undergraduate	Culture and Natural Resource Management	and adaptation, and survival strategies.	Course w/ Sustainability			

Term	Course Code	Level	Course Title	Course Description	Course Type		
Spring 2016	GEOG441		The Coastal Ocean	Introduction to coastal oceanography, focusing on the physical, biological, and geological aspects of ocean areqs on the inner continental shelves. Wave, currents, and tidal dynamics	Sustainability Course		
				of bays, open coast, estuaries, and deltas. Sedimentary environments of major coastal types. Ecology and biogeochemical relationships, including benthic and planktonic			
				characteristics. Coastal evolution with sea level rise. Human impacts: eutrophication,			
				modification of sedimentation. The coastal future: rising sea level, hypoxia, and increased			
Eall 2016	GEOG442	Undergraduate	Piegoography and Environmental Change	storminess.	Suctainability Course		
Fall 2016	GEOG442		Biogeography and Environmental Change	techniques, and both descriptive and mechanistic modeling. Topics may include: scale in	Sustainability Course		
				biogeography, biodiversity, carbon geography, climate and vegetation, interannual			
				variability in the biosphere, land cover, global biospheric responses to climate change,			
				NASA's Mission to Planet Earth and Earth Observation System. The class focuses on both			
		Undergraduate		and different methods in biogeography.			
Spring 2016	GEOG630		Climate, Energy, and Policy	Students will learn about climate change and energy policy from multiple perspectives			
				including social economic, technological, scientific, and behavioural aspects and their			
		Creducto		interdependence. The course will also consider the report of the Intergovernmental Panel	Suctainability Course		
Fall 2016	GFOG642	Graduate	Biogeography and Environmental Change	Biogeographical topics of global significance, including a consideration of measurement	Sustainability Course		
				techniques, and both descriptive and mechanistic modeling. Topics may include: scale in			
				biogeography, biodiversity, carbon geography, climate and vegetation, interannual			
				variability in the biosphere, land cover, global biospheric responses to climate change,			
				natural and athropogenic controls, impacts of biography on climate and ecosystem services			
		Graduate		and different methods in biogeography.			
Fall 2016	GEOG654		GIS and Spatial Modeling	Provide foundations and understanding on various issues related to modeling and			
				simulation in GIS context. It will addresses the concepts, tools, and techniques of GIS			
				hands-on model design, construction, and application. The focus will be on raster-based			
				modeling. This course is also application-orientated, particularly in these fields such as			
				terrain modeling, LULC modeling, hydrological modeling, suitability modeling, etc. The			
				course will include an examination of current literature in this field. Faculty for this course			
		Graduate		sustainability-related unit or project.	Course w/ Sustainability		
Fall 2016	GEOI100		Physical Geology	A general survey of the rocks and minerals composing the earth, its surface features and the	2		
				agents that form them, and the dynamic forces of plate tectonics. The course will include an	1		
				examination of current literature in this field. Faculty for this course completed the			
		Undergraduate		related unit or project.	Course w/ Sustainability		
Spring 2016	GEOI100		Physical Geology	A general survey of the rocks and minerals composing the earth, its surface features and the	2		
				agents that form them, and the dynamic forces of plate tectonics. The course will include an	1		
				examination of current literature in this field. Faculty for this course completed the			
		Undergraduate		related unit or project.	Course w/ Sustainability		
Sum I 2016	GEOI100		Physical Geology	A general survey of the rocks and minerals composing the earth, its surface features and the	2		
				agents that form them, and the dynamic forces of plate tectonics. The course will include an			
				examination of current literature in this field. Faculty for this course completed the			
		Undergraduate		related unit or project.	Course w/ Sustainability		
Fall 2016	GEOL120		Environmental Geology	A review of geologic factors underlying many environmental problems and the interactions	Sustainability Course		
				between population and physical environment: geologic hazards, land-use planning,			
				conservation, mineral resources, waste disposal, land reclamation, and the geologic aspects			
				liberal arts, and should be useful to any student concerned with geologic perspectives of			
		Undergraduate		environmental problems.			
Spring 2016	GEOL120		Environmental Geology	A review of geologic factors underlying many environmental problems and the interactions	Sustainability Course		
				between population and physical environment: geologic hazards, land-use planning,			
				of health and disease. The course is aimed at lower division students in education and			
				liberal arts, and should be useful to any student concerned with geologic perspectives of			
- 11 - 44 - 5		Undergraduate		environmental problems.			
Fall 2016	GEOL123	Undergraduate	Causes and Consequences of Global Change	Study of the major components of Earth's climate system and climate change history.	Sustainability Course		
Spring 2016	GEOL123	onuer grauuate	Causes and Consequences of Global Change	Study of the major components of Earth's climate system and climate change history.	Sustainability Course		
		Undergraduate		Discussion of 21st century climate change prediction, mitigation and adaptation efforts.	,		

Term	Course Code	Level	Course Title	Course Description	Course Type		
Fall 2016	GEOL124	Undergraduate	Evolution of Life and Environment on Planet Earth	An exploration of how life has shaped Earth's physical environments, both in the contemporary Earth and over the long course of Earth history. Topics range from evidence for the origin and diversification of life and its impact on Earth environments to the mind-set and methods of the scientists who interpret it, and what those methods tell us about future interactions between life and the environment, both on Earth and in the Solar System.	Course w/ Sustainability		
Fall 2016	GEOL200	Undergraduate	Earth's Fury: Earthquakes, Volcanoes, and Tsunami	Earthquakes, volcanic eruptions, and tsunami frequently remind us of th dangers associated with living on a constantly changing planet. How do people prepare for these rare but dramatic events? Student will study the science behind earthquakes and volcanoes, how it guides monitoring, forecasting, prevention, and response, and the cultural and ethical aspects of these events.	Course w/ Sustainability		
Fall 2016	GEOL375	Undergraduate	Introduction to the Blue Ocean	Introduction to physical, chemical, and biological properties of the ocean. Role of the ocean in climate as a component of the Earth system. El Nino and the ocean, impact of global warming on the ocean and marine habitats including fisheries.	Course w/ Sustainability		
Fall 2016	GEOL452	Undergraduate	Watershed and Wetland Hydrology	Physical processes by which water moves in watershed and wetland systems. Topics include: precipitation, infiltration, flow in the unsaturated zone, streamflow generation processes, and groundwater flow.	Course w/ Sustainability		
Fall 2016	GEOL453	Undergraduate	Ecosystem Restoration	Overview of ecosystem functions across biomes/geologic settings, and considerations and tradeoffs in ecosystem restoration strategies. Specific case studies and discussions will be aimed at understanding how structure can influence biophysical and biogeochemical processes supporting ecosystems, and then describes how rates, timing, and location of physical, chemical, and ecosystem processes can be altered by different restoration ctrategies to enhance ecourtem services.	Sustainability Course		
Fall 2016	GEOL789L	Under graduate	Recent Advances in Geology	Overview of critical ecosystem services. Overview of critical ecosystem functions across biomes/geologic settings emphasizing tradeoffs in restoration designs. Case studies illuminate structure's influence over biophysical and biogeochemical processes supporting ecosystems; then show how properties of physical, chemical, and ecosystem processes can be altered by different restoration strategies, to optimize ecosystem services and habitat quality. Includesa			
		Graduate		semester research project. A study of the major factors underlying international relations, the causes of conflict and cooperation among international actors, the role of international institutions, the interactions of domestic and foreign policies, and major issues in security, economy and the	Course w/ Sustainability		
Fall 2016	GVPT200	Undergraduate	International Political Relations	environment. A study of the major factors underlying international relations, the causes of conflict and cooperation among international actors, the role of international institutions, the interactions of domestic and foreign policies, and major issues in security, economy and the	Course w/ Sustainability		
Spring 2016	GVPT200	Undergraduate	International Political Relations	environment. A study of the major factors underlying international relations, the causes of conflict and cooperation among international actors, the role of international institutions, the interactions of domestic and foreign policies, and major issues in security, economy and the	Course w/ Sustainability		
Sum I 2016 Winter 2016	GVPT200 GVPT200	Undergraduate	International Political Relations	environment. A study of the major factors underlying international relations, the causes of conflict and cooperation among international actors, the role of international institutions, the interactions of domestic and foreign policies, and major issues in security, economy and the environment.	Course w/ Sustainability		
Fall 2016	GVPT273	Undergraduate	Introduction to Environmental Politics	An overview of modern environmental philosophy, politics, and policy, exploring environmental politics in the US by way of comparison with other developed and developing countries	Sustainability Course		
Spring 2016	GVPT273	Undergraduate	Introduction to Environmental Politics	An overview of modern environmental philosophy, politics, and policy, exploring environmental politics in the US by way of comparison with other developed and developing countries	Sustainability Course		
Sum I 2016	GVPT273	Undergraduate	Introduction to Environmental Politics	An overview of modern environmental philosophy, politics, and policy, exploring environmental politics in the US by way of comparison with other developed and developing countries.	Sustainability Course		
Winter 2016	GVPT273	Undergraduate	Introduction to Environmental Politics	An overview of modern environmental philosophy, politics, and policy, exploring environmental politics in the US by way of comparison with other developed and developing			
Fall 2016	GVPT306	Undergraduate	Global Environmental Politics	Focus on three processes of international environmental policy development- identifying problems, negotiating solutions, and implementing agreements- through a range of case studies, including global climate change.	Sustainability Course		
Spring 2016	GVPT306	Undergraduate	Global Environmental Politics	Focus on three processes of international environmental policy development- identifying problems, negotiating solutions, and implementing agreements- through a range of case studies, including global climate change.	Sustainability Course		
Sum I 2016	GVPT306	Undergraduate	Global Environmental Politics	Focus on three processes of international environmental policy development- identifying problems, negotiating solutions, and implementing agreements- through a range of case studies, including global climate change.	Sustainability Course		

Term	Course Code	Level	Course Title	Course Description	Course Type		
				Serves as the gateway course for the Minor in International Development and Conflict Management. Provides an introductory foundation in the theory and practice of international development and conflict management. Introduces the structures, key players, intersections, and main trends in the evolution of the fields. Explores causal factors that	Course w/ Sustainability		
Fall 2016	GVPT354	Undergraduate	International Development and Conflict Management	drive economic growth, poverty, inequality, and contrict, as well as the resources, methods, and tools available to track and address these issues.			
Fall 2016	GVPT368K	Undergraduate	GIS for Social Science Research	Offered through the Partnership for Action Learning in Sustainability so projects and analysis will focus on local sustainability issues.	Course w/ Sustainability		
Spring 2016	GVPT368K	Undergraduate	GIS for Social Science Research	Offered through the Partnership for Action Learning in Sustainability so projects and analysis will focus on local sustainability issues.	Course w/ Sustainability		
Fall 2016	GVPT388	Undergraduate	Maryland Politics, Policy and Leadership	Offered through the Partnership for Action Learning in Sustainability so investigations will focus on local sustainability issues.	Course w/ Sustainability		
Spring 2016	GVPT388	Undergraduate	Topical Investigations	Offered through the Partnership for Action Learning in Sustainability so investigations will focus on local sustainability issues.	Course w/ Sustainability		
Summer 2016	GVPT388	Undergraduate	Topical Investigations	Offered through the Partnership for Action Learning in Sustainability so investigations will focus on local sustainability issues.	Course w/ Sustainability		
Spring 2016	GVPT406	Undergraduate	International Organizations	A basic introduction to the full range of international organizations that have come into being over the past century and one-half, including those that aspire to be universal or global, those with a geopolitical or regional focus, and those that address specific structural or functional areas of human endeavor or issue areas.	Course w/ Sustainability		
Spring 2016		Undergraduate	Introduction to Digital and Creativity II	Introduction to the methods and theory of digital cultural production, with emphasis on creative and expressive platforms	Course w/ Sustainability		
Spring 2010	HDCC100	Undergraduate	Introduction to Digital and Creativity II	Introduction to the methods and theory of digital cultural production, with emphasis on			
Sum I 2016	HDCC106	Undergraduate	Introduction to Digital and Creativity II	creative and expressive platforms. Addresses the global necessity to develop and implement solutions to critical social and environmental concerns in ways that are both technologically viable and economically sustainable. Through group exercises, guest speakers, discussions, and experiential learning activities, students will develop the skills to create businesses that achieve the double	Course w/ Sustainability		
Spring 2016	HEIP241	Undergraduate	EIP Capstone: Creating Enterprise with Social Impact	bottom line of both profitability and social benefit. Introduction to leadership theories, concepts, and skills, Completion of personal and	Sustainability Course		
Fall 2016	HES1217	Undergraduate	Introduction to Student Leadership	leadership self-assessments, values exploration, and small group application. The course will include an examination of current literature in this field. Faculty for this course completed the Sustainable Teaching Fellows Workshop and revised this course to include a custainability-related unit or project.	Course w/ Sustainability		
Spring 2016	HESI217	Undergraduate	Introduction to Student Leadership	Introduction to leadership theories, concepts, and skills. Completion of personal and leadership self-assessments, values exploration, and small group application. The course will include an examination of current literature in this field. Faculty for this course completed the Sustainable Teaching Fellows Workshop and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability		
Sum I 2016	HESI217	Undergraduate	Introduction to Student Leadership	Introduction to leadership theories, concepts, and skills. Completion of personal and leadership self-assessments, values exploration, and small group application. The course will include an examination of current literature in this field. Faculty for this course completed the Sustainable Teaching Fellows Workshop and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability		
Fall 2016	HESI320	Undergraduate	Social Action Seminar	The use of leadership theories to inform the practice of addressing social issues in society, on campus, or within the surrounding community. Students will: identify a current and compelling social issue; explore the historical, social, and political aspects of social issue; identify and select applicable leadership theories to confront the social issue; create and develop a plan that integrates leadership theories and the social issue; and implement and evaluate the overall social action project.	Course w/ Sustainability		
Spring 2016	HESI321	Undergraduate	Advanced Social Action Seminar	The use of leadership theories to inform the practice of addressing social issues in society, on campus, or within the surrounding community. Students will: identify a current and compelling social issue; explore the historical, social, and political aspects of social issues; identify and select applicable leadership theories to confront the social issue; create and develop a plan that integrates leadership theories and the social issue; and implement and evaluate the overall social action project. Focuses on executing, implementing, and assessing a social action project in small groups and teams.	Course w/ Sustainability		
Fall 2016	HISP680	Graduate	Preservation Economics	Students are introduced to a range of economic theories, methods, and issues that must be considered in the practice of historic preservation. Case studies related to community economic development, adaptive reuse, tax credit programs, project finance, and land use will be presented.	Sustainability Course		
Fall 2016	HISP701	Graduate	Certificate Portfolio Project	Students will gather samples of their work and craft a synthetic statement on their experiences in their HISP certificate courses (for example, picking up on themes such as community involvement, diversity of practice, affordable housing, or sustainability), and the ways in which they have integrated historic preservation into their thinking and practice in their home discipline.	Sustainability Course		
2010		JI GUGGLE		the state and participation of the state of			

Term	Course Code	Level	Course Title	Course Description	Course Type			
				Students will gather samples of their work and craft a synthetic statement on their				
				experiences in their HISP certificate courses (for example, picking up on themes such as				
				community involvement, diversity of practice, affordable housing, or sustainability), and the				
				ways in which they have integrated historic preservation into their thinking and practice in				
Spring 2016	HISP701	Graduate	Certificate Portfolio Project	their home discipline	Sustainability Course			
5pmg 2010	11151 7 01	Graduate		Students will gather samples of their work and craft a synthetic statement on their	Sustainability Course			
				experiences in their HICD certificate courses (for example, nicking up on themes such as	Sustainability course			
				community involvement diversity of practice affordable bousing or sustainability) and the				
				ways in which they have integrated historic preservation into their thinking and practice in				
Sum 1 2016		Conducto	Cortificato Bortfolio Broject	their home discipline				
Sum 2010	HI3F701	Graduate		This second is a supervised for the Cost in thit Chadies Misse	Course of Courtering hilling			
Spring 2016	HIST 189B	Undergraduate		This course is approved for the Sustainability Studies Minor.	Course w/ Sustainability			
Fall 2016	HIST205		Environmental History	An exploration of the way different societies have used, imagined, and managed nature.				
				Includes examination of questions of land use, pollution, conservation, and the ideology of				
		Undergraduate		nature, especially but not exclusively in Europe and North America.	Sustainability Course			
				An examination of women's changing roles in working class and middle class families, the				
				effects of industrialization on women's economic activities and status, and women's				
				involvement in political and social struggles including those for women's rights, birth				
Spring 2016	HIST211	Undergraduate	Love, Labor, and Citizenship: History of American Women Since 1880	control, and civil rights.	Course w/ Sustainability			
				The history of immigration and the development of diverse populations i the United States				
				are examined. Topics include related political controversies, the social experiences of				
				immigrants, ethnicity, generations, migration, inter-group relations, race, and diversity in				
Spring 2016	HIST222	Undergraduate	Immigration and Ethnicity in America	American culture.	Course w/ Sustainability			
Fall 2016	HIST352		America in the Colonial Era, 1600-1765	The founding of the English colonies in America and their European backgrounds, the	Sustainability Course			
				reasons for the instability of colonial society to 1689 and the emergence of stable societies				
				after 1689; the development of colonial regionalism, political institutions, social divisions,				
		Undergraduate		the economy, religion, education, urban and frontier problems in the eighteenth century.				
Spring 2016	HIST352	5	America in the Colonial Era, 1600-1764	The founding of the English colonies in America and their European backgrounds, the	Sustainability Course			
			· · · · · · · · · · · · · · · · · · ·	reasons for the instability of colonial society to 1689 and the emergence of stable societies	·····			
				after 1689: the development of colonial regionalism, political institutions, social divisions,				
		Undergraduate		the economy, religion, education, urban and frontier problems in the eighteenth century.				
Fall 2016	HIST355	onder graddate	Civil War and the Rise of Industrialization, 1860-1901	Civil War sectional and class conflicts and their impact on American life and institutions	Sustainability Course			
10112010	11101000			from the beginning of the Civil War through the Gilded Age: social economic and political	Sustainability course			
		Undergraduate		reconstruction of the Union: industrialization urbanization and technological changes				
Eall 2016	HIST405	ondergraduate	Environmental History	An introduction to the key issues and methods of environmental history. The scope of the				
1 811 2010	11131403		Livionnentarinstory	subject is discussed as well as its relationship with other disciplines, such as ecology				
				anthropology, and geography. A primary focus is environmental change in history with				
		Undorgraduato		emphasis on the American experience	Sustainability Course			
Spring 2016		under graduate	Environmental History	An introduction to the key issues and methods of environmental history. The scope of the	Sustainability Course			
Spring 2010	HI31403		Environmental History	subject is discussed, as well as its relationship with other disciplines, such as ecology				
				anthronology, and goography. A primary focus is onvironmental change in history with				
		the demonstration of the		anchi opology, and geography. A primary rocus is environmental change in history with	Sustainability Course			
Fall 2016	111 6 4 4 9 4	Undergraduate	Padasigning Health Care, Developing a Clinic to Meet Community	Learn a key antropropertial skill. Design Thinking, while beloing to build reducing, and	Sustainability Course			
Fall 2010	TL3A464		Redesigning Health Care. Developing a Clinic to Meet Community	Learn a key entrepreneurial skill, Design Thinking, while helping to build, redesign, and				
			Needs	transform health care delivery in a new community center and health clinic. The clinic will				
				be a community-based provider of primary care, dental care and wellness services, partially				
				designed by faculty and students, and operated by the Archdiocese of Washington and				
				Catholic Charities in partnership with physicians from local hospitals responsible for local				
				population health. This new, modern vision for a health and wellness clinic embraces				
				student involvement in designing, planning and contributing to innovative programs,				
				solutions, and processes to improve the clinics ability to address the social determinants of				
				health and traditional health care needs. Our constantly changing health care system and				
				environment will put pressure on the clinics services, programs and operations to adapt				
				based on their patients and community stakeholders needs over time, which will allow				
				future students to help fix problems and adapt to the changing health care environment.				
				Students will learn and apply Design Thinking skills to a specific problem, define problems				
				based on stakeholder input, suggest options to reframe and solve the problem, prototype,				
		Undergraduate		test, and make recommendations to inform implementation, measurement, and evaluation.	Sustainability Course			
Fall 2016	HLSA772		Healthcare Leadership and Communications	Health care administrators rely on transformational leadership skills and insights to help	Course w/ Sustainability			
				their organizations rise to the social financial, public health, and technological challenges of				
				the future. Students will assess and develop their leadership strengths, apply key leadership				
				communication principles, and critically analyze relevent leadership models, exploring their				
				utility in addressing key leadership issues in health care organizations. An underlying theme				
				will be the identification of core values involved in health care delivery, integration of those				
				values in personal and organizational missions, and effective communication to				
		Graduate		stakeholders.				

Term	Course Code	Level	Course Title	Course Description	Course Type		
Spring 2016	HLSA772		Healthcare Leadership and Communications	Health care administrators rely on transformational leadership skills and insights to help their organizations rise to the social financial, public health, and technological challenges of	Course w/ Sustainability		
				the future. Students will assess and develop their leadership strengths, apply key leadership communication principles and critically apply a relevant leadership models, available their			
				utility in addressing key leadership issues in health care organizations. An underlying them will be the identification of care unlose involution in health care organizations. An underlying theme			
				values in personal and organizational missions, and effective communication to			
		Graduate		stakeholders.			
				Internship and seminar providing an opportunity to apply previously acquired knowledge and skills in a health or allied health organization. Setting of the internship will depend upon	Course w/ Sustainability		
Fall 2016	HLSA785	Graduate	Internship in Public Health	the student's background and career goals.	o (o ) :   :!!!		
				Internship and seminar providing an opportunity to apply previously acquired knowledge and skills in a health or allied health organization. Setting of the internship will depend upon	Course w/ Sustainability		
Spring 2016	HLSA785	Graduate	Internship in Public Health	the student's background and career goals.			
				Internship and seminar providing an opportunity to apply previously acquired knowledge	Course w/ Sustainability		
				and skills in a health or allied health organization. Setting of the internship will depend upon			
Sum I 2016	HLSA785	Graduate	Internship in Public Health	the student's background and career goals.			
				Internship and seminar providing an opportunity to apply previously acquired knowledge	Course w/ Sustainability		
Winter 2016	HI SA785	Graduate	Internship in Public Health	and skills in a health or allied health organization. Setting of the internship will depend upon the student's background and career goals			
Winter 2010	TILSA 05	Graduate		Capstone experience provding opportunity to apply knowledge and skills to a specific public	Course w/ Sustainability		
				health problem or issue. Completion of project relevant to public health under the direction	,		
Fall 2016	HLSA786	Graduate	Capstone Project in Public Health	of an advisor.			
				Capstone experience provding opportunity to apply knowledge and skills to a specific public	Course w/ Sustainability		
Spring 2016	111 6 4 7 9 6	Conducto	Constant Droject in Dublic Health	health problem or issue. Completion of project relevant to public health under the direction			
Spring 2016	ILSA/80	Graduate	Capstone Project in Public Realth	Canstone experience providing opportunity to apply knowledge and skills to a specific public.	Course w/ Sustainability		
				health problem or issue. Completion of project relevant to public health under the direction	course wy sustainability		
Sum I 2016	HLSA786	Graduate	Capstone Project in Public Health	of an advisor.			
				Capstone experience provding opportunity to apply knowledge and skills to a specific public	Course w/ Sustainability		
				health problem or issue. Completion of project relevant to public health under the direction			
Winter 2016	HLSA786	Graduate	Capstone Project in Public Health	of an advisor.	Course w/ Sustainability		
				conditions that have produced an inequitable health status for racial and ethnic minorities	Course w/ Sustainability		
Spring 2016	HLSA787	Graduate	Minority Health and Health Equity	in the United States.			
				An introduction to the theory and practice of public and community health. The influence of	Course w/ Sustainability		
				public health professionals on the past, present, and future health status of society through			
Fall 2016	11171120	Us de anne de etc.	Introduction to Public and Community Health	the examination of critical health issues will be described. Programming models, theories			
Fall 2016	HLIH130	Undergraduate	Introduction to Public and Community Health	An policy development are included.	Course w/ Sustainability		
				public health professionals on the past, present, and future health status of society through	course wy sustainability		
				the examination of critical health issues will be described. Programming models, theories			
Spring 2016	HLTH130	Undergraduate	Introduction to Public and Community Health	and policy development are included.			
				Meaning and significance of physical, mental and social health as related to the individual			
Fall 2016	HI TH140	Undergraduate	Personal and Community Health	and to society; important phases of national health problems; constructive methods of promoting health of the individual and the community.	Course w/ Sustainability		
. 311 2010		onder graudate		Meaning and significance of physical, mental and social health as related to the individual	course wy sustainability		
				and to society; important phases of national health problems; constructive methods of			
Spring 2016	HLTH140	Undergraduate	Personal and Community Health	promoting health of the individual and the community.	Course w/ Sustainability		
				Meaning and significance of physical, mental and social health as related to the individual			
Sum I 2016	HITH140	Undergraduate	Personal and Community Health	and to society; important phases of national health problems; constructive methods of promoting health of the individual and the community	Course w/ Sustainability		
Juni 1 2010	112111140	onuer grauuate		Meaning and significance of physical, mental and social health as related to the individual	course wy sustainability		
				and to society; important phases of national health problems; constructive methods of			
Winter 2016	HLTH140	Undergraduate	Personal and Community Health	promoting health of the individual and the community.	Course w/ Sustainability		
Fall 2016	HLTH140H	Undergraduate	Personal and Community Health		Course w/ Sustainability		
Spring 2016	HLTH140H	Undergraduate	Personal and Community Health		Course w/ Sustainability		
				An overview of specific components and steps involved in the community health research			
				analysis in a community context. The course will include an examination of current literature			
				in this field. Faculty for this course completed the Sustainable Teaching Fellows Workshop			
Fall 2016	HLTH200	Undergraduate	Introduction to Research in Community Health	and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability		

Torm	Course Code	Loval	Course Title	Course Description	Course Tune		
Term	course coue	Level	course nue		course rype		
				An overview of specific components and steps involved in the community health research			
				process. Content includes, foundations of research, sampling, measurement design, and			
				analysis in a community context. The course will include an examination of current literature			
				in this field. Faculty for this course completed the Sustainable Teaching Fellows Workshop			
Spring 2016	HLTH200	Undergraduate	Introduction to Research in Community Health	and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability		
				An overview of specific components and steps involved in the community health research			
				process. Content includes, foundations of research, sampling, measurement design, and			
				analysis in a community context. The course will include an examination of current literature			
				in this field. Faculty for this course completed the Sustainable Teaching Fellows Workshop			
Sum I 2016	<b>ні т</b> н200	Undergraduate	Introduction to Research in Community Health	and revised this course to include a sustainability-related unit or project	Course w/ Sustainability		
501112010	112111200	ondergraduate	indication to research in community realth	Using the ecological framework, students will evolve the complicated relationship between	Course w/ Sustainability		
5-11 2010			Description and the labor of Marille size	Using the ecological framework, students will explore the complicated relationship between	Course w/ Sustainability		
Fall 2016	HLTH325	Undergraduate	Poor in America: Health and Wellbeing	poverty and health and well-being in the United States.			
				Using the ecological framework, students will explore the complicated relationship between	Course w/ Sustainability		
Spring 2016	HLTH325	Undergraduate	Poor in America: Health and Wellbeing	poverty and health and well-being in the United States.			
Fall 2016	HLTH325H	Undergraduate	Poor in America: Health and Wellbeing		Course w/ Sustainability		
Spring 2016	HLTH325H	Undergraduate	Poor in America: Health and Wellbeing		Course w/ Sustainability		
				Broad overview of community health. Health promotion, consumer health, public health,	Course w/ Sustainability		
				school health, environmental health, preventive medicine, human biology and the health			
Fall 2016	HLTH391	Undergraduate	Principles of Community Health I	care system are examined. Each area's contribution to community health is discussed.			
		onder graddate	······	Broad overview of community health Health promotion, consumer health, public health	Course w/ Sustainability		
				school health anyironmental health proventive medicine human hielen, public health	course wy sustainability		
Cardia - 2010	111 711204		Deinsieles of Community Hankley	school nearch, environmental nearch, preventive medicine, numan biology and the rearch			
Spring 2016	HLTH391	Undergraduate	Principles of Community Health I	care system are examined. Each area's contribution to community health is discussed.			
Spring 2016	HLTH391H	Undergraduate	Principles of Community Health I		Course w/ Sustainability		
				Undergraduate majors with a strong academic record are provided the opportunity to	Course w/ Sustainability		
				engage in challenging educational experiences related to the social and behavioral aspects			
				of public health. Students will learn the skills and knowledge to develop, propose, defend,			
Fall 2016	HLTH410	Undergraduate	Honors Seminar	and complete an honors thesis or honors project.			
Spring 2016	HLTH434		Introduction to Public Health Informatics	Provides an overview of the field of public health informatics and the influence of	Course w/ Sustainability		
				technology on the public's health and well-being. Emphasizes the application of various			
				technologies and computer/internet applications to support public health research and			
		Undergraduate		practice including strategies to address new and emerging threats			
		ondergraduate		Health concerns of LLC, otheric minority groups and factors placing them at alcusted rick for	Course w/ Sustainability		
				Health concerns of 0.5. ethnic minority groups and factors placing them at elevated fisk for	Course w/ Sustainability		
5 11 2246				disease and injury. Health education concepts and strategies to reduce disparities between			
Fall 2016	HLTH460	Undergraduate	Minority Health	their health status and the health status of the general population.			
				Health concerns of U.S. ethnic minority groups and factors placing them at elevated risk for	Course w/ Sustainability		
				disease and injury. Health education concepts and strategies to reduce disparities between			
Spring 2016	HLTH460	Undergraduate	Minority Health	their health status and the health status of the general population.			
Fall 2016	HLTH460H	Undergraduate	Minority Health		Course w/ Sustainability		
Spring 2016	HLTH460H	Undergraduate	Minority Health		Course w/ Sustainability		
		Ū		The historical, physiological, psychological, and sociological mechanisms which contribute to	Course w/ Sustainability		
				women's health. Topics will include gynecological concerns and reproductive health:			
Fall 2016	HI TH471	Undergraduate	Women's Health	nutrition exercise violence substance use/abuse and the health of special populations			
		onder graduate		The historical physiological psychological and sociological mechanisms which contribute to	Course w/ Sustainability		
				memory health. Tapies will include gungesclassical concerns and concoductive health.	Course w/ Sustainability		
Costing 2016	111 711474	the design of th	Wemen's Health	women's nearth. Topics will include gynecological concerns and tep found live health,			
Spring 2016	HLIH4/1	Undergraduate	women's Realth	nutrition, exercise; violence; substance use/abuse; and the health of special populations.			
Fall 2016	HLTH471H	Undergraduate	Women's Health		Course w/ Sustainability		
Spring 2016	HLTH471H	Undergraduate	Women's Health		Course w/ Sustainability		
				Students will be involved in the applied aspects of community health education. They will	Course w/ Sustainability		
				work with specific local community groups, planning, developing, implementing and			
				evaluating a community health project. Health agencies and community health marketing			
Fall 2016	HLTH490	Undergraduate	Principles of Community Health II	techniques will be investigated.			
		Ŭ		Students will be involved in the applied aspects of community health education. They will	Course w/ Sustainability		
				work with specific local community groups, planning, developing, implementing and			
				evaluating a community health project. Health agencies and community health marketing			
Spring 2016		Undergraduato	Principles of Community Health II	techniques will be investigated			
Eall 2010		Undergraduate	Community Health Internshin	Integrating theory with practice in a community health setting	Course w/ Sustainability		
Fall 2010	HLIH491	under graduate	Community realth Internship	Integrating theory with practice in a community nearth setting.	Course w/ Sustainability		
Spring 2016	HLIH491	Undergraduate	Community Health Internship	integrating theory with practice in a community health setting.	Course w/ Sustainability		
Spring 2016	HLTH4980	Undergraduate	Special Topics in Health		Course w/ Sustainability		
Fall 2016	HLTH498P	Undergraduate	Special Topics in Health		Course w/ Sustainability		
Spring 2016	HLTH498P	Undergraduate	Special Topics in Health		Course w/ Sustainability		
Sum I 2016	HLTH498T	Undergraduate	Special Topics in Health		Course w/ Sustainability		
Winter 2016	HLTH498T	Undergraduate	Special Topics in Health		Course w/ Sustainability		

Term	Course Code	Level	Course Title	Course Description	Course Type		
				Examines foundations and content of two professions, health education and public health.			
				including history mission terminology philosophy ethical principles and scientific			
				foundations. Emorging and reemorging threats to the public's health will be discussed as			
				ioundations. Effetging and reeffetging threats to the public's field in while discussed, as			
-				well as societal influences of field in and field in policy. Also addresses professional			
Fall 2016	HLTH606	Graduate	Foundations of Public Health Education and Policy	competencies and preparation, and the role of professional organizations.	Course w/ Sustainability		
				An exploration of the the broad and diverse field of health communication including medical			
				encounters, everyday communication about health, advertising, news, public health			
				campaigns, community outreach, public policy, and international programs. Theories and			
Spring 2016	HLTH671	Graduate	Public Health Communication	applied efforts that have been studied and documented will be examined.	Course w/ Sustainability		
Fall 2016	HLTH688	Graduate	Special Problems in Health Education		Course w/ Sustainability		
Spring 2016	HI TH688	Graduate	Special Problems in Health Education		Course w/ Sustainability		
Sum I 2016	HI TH688	Craduate	Special Problems in Health Education	•	Course w/ Sustainability		
Minter 2010	LUTUCOO	Graduate	Special Problems in Health Education		Course w/ Sustainability		
winter 2010	пстнооо	Graduate	Special Problems in Health Education				
				An introduction to the development, planning, and administration of community health	Course w/ Sustainability		
				programs. The overall goal of this course is to develop a program and conceptualize the			
Spring 2016	HLTH774	Graduate	Community Health Program Planning	implementation of the intervention.			
2016	HLTH776		Community Health Program Evaluation	An application of basic research methods, and the evaluation of community health	Course w/ Sustainability		
		Graduate		programs. Students will evaluate the effectiveness of a community health intervention.			
				Overview of public health organizations, programs, and policies, including their structure			
Spring 2016	HLTH780	Graduate	Community Health	and function, and their ability to change with changing community health needs.	Course w/ Sustainability		
		oradate		Internship and seminar providing an opportunity to apply previously aquired knowledge and	Course w/ Sustainability		
				skills in a health or allied health ergenization. Setting of the interrship will depend upon the	course w/ sustainability		
5 11 204 6				skins in a health or alled health organization. Setting of the internship will depend upon the			
Fall 2016	HLTH785	Graduate	Internship in Public Health	student's background and career goals.			
				Internship and seminar providing an opportunity to apply previously aquired knowledge and	Course w/ Sustainability		
				skills in a health or allied health organization. Setting of the internship will depend upon the			
Spring 2016	HLTH785	Graduate	Internship in Public Health	student's background and career goals.			
				Capstone experience providing opportunity to apply knowledge and skills to a specific public	Course w/ Sustainability		
				health problem or issue. Completion of project relevant to public health under the direction			
Fall 2016	HI TH786	Graduate	Canstone Project in Public Health	of an advisor			
10112010	112111700	Graduate	capstone i roject in rabie riculti	Canstana experience providing encerturity to apply knowledge and skills to a specific public	Course w/ Sustainability		
				capsione experience providing opportunity to apply knowledge and skins to a specific public	course w/ sustainability		
				nealth problem or issue. Completion of project relevant to public health under the direction			
Spring 2016	HLIH/86	Graduate	Capstone Project in Public Health	of an advisor.			
			Alleviating Poverty in Developing Countries: The Economics and				
Fall 2016	HONR228N	Undergraduate	Challenges of Development Programs	No Description Available or on Testudo	Course w/ Sustainability		
Fall 2016	HONR238C	Undergraduate	The Future of Energy and Climate Policy	No Description Available or on Testudo	Sustainability Course		
Spring 2016	HONR238C	Undergraduate	The Future of Energy and Climate Policy	No Description Available or on Testudo	Sustainability Course		
		Ū	Honors Seminar: From Animal Thoughts to Animal Feelings: Cognitive		Course w/ Sustainability		
Fall 2016	HONR238F	Undergraduate	and Applied Ethology's Understanding of Animals				
		onder gradate	and replied Edition by 5 of defisitation by 6 7 minutes	Introduces concents and theoretical interpretations about the causes of international			
				microtices concepts and theoretical interpretations about the causes of international			
				ingration, provides an instorical overview of the main hows of immigration to the 0.3.,			
5-11 2010	1. 4. 40.200		Internal station to Incontinuation and Mitmation Charling	analyzes economic, political, social, and cultural aspects that impact the immigrants	Course ou / Course in a hilite		
Fall 2016	IIVIIVIR200	Undergraduate	Introduction to immigration and Migration Studies	settlement process.	Course w/ Sustainability		
				A general introduction to plant science designed to provide the students with a working	Course w/ Sustainability		
				knowledge of the fundamental structures and processes of plants. Content includes plant			
Fall 2016	INAG100	Undergraduate	Introduction to Plant Science	anatomy, physiology, genetics and environmental relationships.			
				Soils and Fertilizers is an introductory course for students entering careers related to	Course w/ Sustainability		
				applied agricultural production. The course is divided into three subject areas; soil			
				properties soil fertility and environmental concerns of using soils for agricultural			
				production. Emphasis is placed upon the characteristics of Maryland soils which are similar			
				to the coils in the mid Atlantic region. The importance of nutrient management and non			
Coring 2016		the design of the design of the	Sails and Fartilizars	to the solis in the mid-Adamic region. The importance of nuclient management and non-			
Spring 2010	INAG105	Undergraduate	Solis and Fertilizers	point source pollution of the chesapeake bay are covered in the course.			
				An Overview of pesticide use and safety. Topics include environmental protection, labeling,			
				personal safety, first aid, formulation and chemistry, equipment, disposal, storage, record-			
				keeping and liability. The course prepares students to take the Maryland State test for a			
Fall 2016	INAG106	Undergraduate	Pesticide Use and Safety	private applicator's license.	Course w/ Sustainability		
				An Overview of pesticide use and safety. Topics include environmental protection, labeling,			
				personal safety, first aid, formulation and chemistry, equipment, disposal, storage, record-			
				keeping and liability. The course prepares students to take the Maryland State test for a			
Spring 2016	INAG106	Undergraduate	Pesticide Use and Safety	private applicator's license.	Course w/ Sustainability		
			,	A study of how perception self-concept verbal and ponverbal communications affect the	-,,		
				communication process as it emerges in the work place. The course provides shill training in			
				communication process as it emerges in the work place. The course provides skill (falling in			
5-11 2010	1010 6110		Oral Communication	speech writing, public speaking, group communication, interpersonal communication,	Course of Course in a billion		
raii 2016	INAG110	undergraduate	Oral Communication	insteming, and responding.	course w/ Sustainability		

Term	Course Code	Level	Course Title	Course Description	Course Type			
				A study of how perception, self-concept, verbal and nonverbal communications affect the				
				communication process as it emerges in the work place. The course provides skill training in				
				speech writing, public speaking, group communication, interpersonal communication,				
Spring 2016	INAG110	Undergraduate	Oral Communication	listening, and responding.	Course w/ Sustainability			
		0		A study of how perception, self-concept, verbal and nonverbal communications affect the				
				communication process as it emerges in the work place. The course provides skill training in				
				speech writing, public speaking, group communication, interpersonal communication.				
Winter 2016	INAG110	Undergraduate	Oral Communication	listening, and responding.	Course w/ Sustainability			
Fall 2016	INAG111	Undergraduate	Written Communication	The course will include an examination of current literature in this field. Faculty for this course	Course w/ Sustainability			
Fall 2016	INAG123	ondergraduate	Introduction to Sustainable Agriculture	An introductory courses that provides an overview of the principles and practices of	course in sustainability			
10112010				sustainable agriculture. Students explore the economic social and environmental impacts				
				of agriculture, and relate the principles of sustainability to various agricultural production				
		Undergraduate		nractices and systems	Sustainability Course			
		ondergraduate		This course introduces fundamental concents related to the financial management of an	Sustainability course			
				agricultural husiness. Tenics include financial statement analysis. financial planning the				
				agricultural business. Topics include infancial statement analysis, infancial planning, the				
				relationship between risk and return, the time value of money, costs associated with				
				borrowed runus, sources of capital, infancial markets and intermediaties in agriculture, and				
Fall 2016	1014 C 202	the design of the design	Agricultural Finance	for monoging a profitable agricultural husiness	Course w/ Sustainability			
Fall 2010	INAG205	Undergraduate	Agricultural Finance	This serves identifies and and and the alternative serves. It established at the anti-	Course w/ Sustainability			
Spring 2016	INAG205		Analyzing Alternative Enterprises	This course identifies and analyzes alternative crops, livestock, and other agricultural	Course w/ Sustainability			
				business enterprises. Students assess sustainability, geographic adaptability and potential				
				profitability of businesses through lectures, class projects, and presentations from farmers,				
				entrepreneurs, and managers engaged in alternative enterprises. Topics may include value				
		Undergraduate		added approaches, organic crop production, and recreational agricultural pursuits.				
Spring 2016	INAG248		Topics in Sustainable Agriculture	Inrough readings, class discussions, and guest speakers this one-credit seminar course				
				exposes students to current trends, concerns and research in sustainable agriculture. It				
				allows students to explore various interest areas and discuss a variety of topics as they				
		Undergraduate		relate to sustainable practices.	Sustainability Course			
				This course is part of the Partnership for Action Learning in Sustainability. Projects and/or				
Spring 2016	INFM600	Graduate	Information Environments	units focus on local sustainability issues.	Course w/ Sustainability			
Fall 2016	INST603		Systems Analysis and Design	Formal process for planning and designing an information technology system, including	Sustainability Course			
				identifying users and other stakeholders, analyzing work processes, preparing system				
				specifications, conducting feasibility and usability studies, and preparing for				
				implementation. Approaches to analyzing system components and functions. Measurement				
		Graduate		and evaluation of system performance.				
				An examination of information as a human right, including topics: social, cultural, economic,				
				legal, and political forces shaping information rights; the impact of information rights on				
				information professions, standards, and cultural institutions; and information rights and				
Fall 2016	INST613	Graduate	Information and Human Rights	disadvantaged populations.	Course w/ Sustainability			
Fall 2016	INST742		Implementing the Curation and Management of Digital Assets	Management of and technology for application of digital curation principles in specific				
				settings. Characteristics, representation, conversion, and preservation of digital objects.				
				Application of standards for digitization, description, and preservation. Planning for				
		Graduate		sustainability, risk mitigation and disaster recovery.	Course w/ Sustainability			
Spring 2016	INST742		Implementing the Curation and Management of Digital Assets	Management of and technology for application of digital curation principles in specific				
				settings. Characteristics, representation, conversion, and preservation of digital objects.				
				Application of standards for digitization, description, and preservation. Planning for				
		Graduate		sustainability, risk mitigation and disaster recovery.	Course w/ Sustainability			
2016	JAPN425		The Atomic Bomb in Literature and Memory: Japan and the United	Study of declassified documents and commentary on the United States decision to use the	Course w/ Sustainability			
			States	bomb in 1945, the many ways Japanese writers have attempted to express their				
				indescribable experiences in Hiroshima and Nagasaki, and the shaping of historical				
		Undergraduate		narratives and national identities in post-war Japan and the U.S				
				An analysis of the information, values and underlying messages conveyed via television,				
				newspapers, the internet, magazines, radio and film. Examines the accuracy of those				
Fall 2016	JOUR175	Undergraduate	Media Literacy	messages and explores how media shape views of politics, culture and society.	Course w/ Sustainability			
				An analysis of the information, values and underlying messages conveyed via television,				
				newspapers, the internet, magazines, radio and film. Examines the accuracy of those				
Spring 2016	JOUR175	Undergraduate	Media Literacy	messages and explores how media shape views of politics, culture and society.	Course w/ Sustainability			
				An analysis of the information, values and underlying messages conveyed via television,				
				newspapers, the internet, magazines, radio and film. Examines the accuracy of those				
Sum I 2016	JOUR175	Undergraduate	Media Literacy	messages and explores how media shape views of politics, culture and society.	Course w/ Sustainability			
Fall 2016	JOUR327		Urban Affairs Reporting	Students are immersed in coverage of issues affecting cities, working on a semester-long	Sustainability Course			
		Undergraduate		multi-platform reporting project based in Baltimore.				
Fall 2016	JOUR627		Urban Affairs Reporting	Students are immersed in coverage of issues affecting cities, working on a semester-long	Sustainability Course			
		Graduate		multi-platform reporting project based in Baltimore.				
Fall 2016	JOUR668V	Graduate	Topics in Broadcasting and Electronic Media	This course is part of the Partnership for Action Learning in Sustainability. Projects and/or un	Course w/ Sustainability			
Spring 2016	JOUR668V	Graduate	Topics in Broadcasting and Electronic Media	This course is part of the Partnership for Action Learning in Sustainability. Projects and/or un	Course w/ Sustainability			

Term	Course Code	Level	Course Title	Course Description	Course Type			
Spring 2016	KNES286	Undergraduate	Empowering Healthy Dhysical Activity	Learn evidence-based techniques that health professionals use to promote physical activity programs that meet the needs of diverse populations. Develop and implement an intervention elan tarretion a specific population.	Course w/ Sustainability			
5pmg 2010	KNE5280	under graduate		An investigation of the role of physical activity and inactivity in relation to health and well- being through a public health perspective. Past and current perspectives on health promotion, health education, and social policies and approaches will be examined for	Course w/ Sustainability			
Fall 2016	KNES400	Undergraduate	The Foundations of Public Health in Kinesiology	various populations.				
				An investigation of the role of physical activity and inactivity in relation to health and well- being through a public health perspective. Past and current perspectives on health promotion health education and social notices and approaches will be examined for	Course w/ Sustainability			
Spring 2016	KNES400	Undergraduate	The Foundations of Public Health in Kinesiology	various populations.				
				Examination of sport culture from a global perspective; focuses on theorizing the similarities				
Fall 2016	KNES485	Undergraduate	Sport and Globalization	and differences between various national sporting cultures.	Course w/ Sustainability			
				Examination of sport culture from a global perspective; focuses on theorizing the similarities				
Spring 2016	KNES485	Undergraduate	Sport and Globalization	and differences between various national sporting cultures.	Course w/ Sustainability			
				Examination of sport culture from a global perspective; focuses on theorizing the similarities				
Sum I 2016	KNES485	Undergraduate	Sport and Globalization	and differences between various national sporting cultures.	Course w/ Sustainability			
				Examination of sport culture from a global perspective; focuses on theorizing the similarities				
Winter 2016	KNES485	Undergraduate	Sport and Globalization	and differences between various national sporting cultures.	Course w/ Sustainability			
Conting 2010	KNECCOA	Construct	Enidemiology of Dhysical Astivity	An exploration of basic epidemiological study design, methods, and health outcomes in the	Course w/ Custoling hills			
Spring 2016	KNES601	Graduate	Epidemiology of Physical Activity	neid of physical activity.	Course W/ Sustainability			
2010	KINE3001	Craduata	Epidemiology of Physical Activity	An exploration of basic epidemiological study design, methods, and health outcomes in the	Course w/ Sustainability			
		Graduate		The internshin is a time-limited supervised period of public/community health activities	Course w/ Sustainability			
				carried out in a health or allied health organization involved with physical activity. Students	Course w/ Sustainability			
				gain practical experience in areas such as program planning and implementation, program				
Sum I 2016	KNES785	Graduate	Internship in Physical Activity and Public Health	evaluation, public policy analysis, research, and management.				
				The culminating experience in which the student applies knowledge and skills learned in the	Course w/ Sustainability			
				MPH program to conduct independent work on a physical activity problem under the				
Spring 2016	KNES786	Graduate	Capstone Project in Physical Activity and Public Health	supervision of a faculty advisor.				
Fall 2016	LARC151		Urban Agriculture: Designing and Assessing Edible Landscapes	Students will examine the growing development of urban agriculture and edible landscapes.	Course w/ Sustainability			
				Urban agriculture has seen a recent growth and interest in cities across the globe. From				
				Paris to New York, from Baltimore to Detroit, urban agriculture is an emerging land use to				
				address a variety of needs. Redevelopment, food deserts, community engagement and				
				environmental justice are just some of the issues and topics that are connected to the				
				agriculture's contribution to the food system, its input and outputs in the urban landscape				
		Undergraduate		and the planning and design of urban agriculture and edible landscapes.				
Sum I 2016	LARC151	ondergraduate	Urban Agriculture: Designing and Assessing Edible Landscapes	Students will examine the growing development of urban agriculture and edible landscapes.	Course w/ Sustainability			
				Urban agriculture has seen a recent growth and interest in cities across the globe. From	,			
				Paris to New York, from Baltimore to Detroit, urban agriculture is an emerging land use to				
				address a variety of needs. Redevelopment, food deserts, community engagement and				
				environmental justice are just some of the issues and topics that are connected to the				
				recent growth of urban agriculture. This course will take a critical examination of urban				
				agriculture's contribution to the food system, its input and outputs in the urban landscape,				
Fall 2016	LABCICO	Undergraduate	Introduction to Londsonno Architecture	and the planning and design of urban agriculture and edible landscapes.				
Fall 2010	LAKCIDU		introduction to Landscape Architecture	Finistory, theory, philosophy and current practice of the profession of landscape architecture.				
				neople's percentions of and changing attitude towards the landscape as well as an				
		Undergraduate		examination of how these are related to ecological and cultural influences.	Course w/ Sustainability			
Spring 2016	LARC160		Introduction to Landscape Architecture	History, theory, philosophy and current practice of the profession of landscape architecture.	,			
				Explores the interactive relationship between humans and their environment by examining				
				people's perceptions of and changing attitude towards the landscape, as well as, an				
		Undergraduate		examination of how these are related to ecological and cultural influences.	Course w/ Sustainability			
Sum I 2016	LARC160		Introduction to Landscape Architecture	History, theory, philosophy and current practice of the profession of landscape architecture.				
				Explores the interactive relationship between humans and their environment by examining				
				people's perceptions of and changing attitude towards the landscape, as well as, an	C			
Winter 2010	LARCICO	Undergraduate	Introduction to Landscape Architecture	examination of now these are related to ecological and cultural influences.	Course w/ Sustainability			
winter 2016	LARCIOU		introduction to Lanuscape Architecture	Evolution of the interactive relationship between humans and their environment by examining				
				people's perceptions of and changing attitude towards the landscape as well as an				
		Undergraduate		examination of how these are related to ecological and cultural influences.	Course w/ Sustainability			
				Principles and methods of site analysis with an emphasis on the application of ecological	,			
Fall 2016	LARC265	Undergraduate	Site Analysis and Ecological Principles	principles in landscape architecture, architecture and planning.	Course w/ Sustainability			
Fall 2016	LARC320		Principles of Site Engineering	The study and application of landscape construction principles as applied to grading,				
		Undergraduate		drainage, site layout, storm water management, and vehicular and pedestrian circulation.	Course w/ Sustainability			

Term	Course Code	Level	Course Title	Course Description	Course Type		
				An examination of the influence of landscape character and site features (natural and			
				cultural) on landscape architecture, architecture and planning through application in the			
Fall 2016	1400240	the design of the design	Site Departing and Design Studio	cultural) on landscape architecture, architecture and planning through application in the	Course w/ Custoinability		
Fall 2010	LARC540	Undergraduate	Site Planning and Design Studio	studio setting.			
Spring 2016	LARC341	Undergraduate	Regional Design Studio	n/a	Sustainability Course		
Fall 2016	LARC440		Urban Studio Design	The landscape architect's role within the interdisciplinary urban design process, focusing on			
				urban site design issues. Pedestrian friendly site design and the future of sustainable			
		Undergraduate		development will be studied.	Sustainability Course		
Sum I 2016	LARC451		Sustainable Communities	Explores concepts, strategies and examples of community design which address the needs	Sustainability Course		
		Undergraduate		of a growing population while preserving the environment and its resources.			
Fall 2016	LARC452		Green Infrastructure and Community Greening	A critical look and exploration of green infrastructure (GI) elements in the built environment	Sustainability Course		
10112010	2,000,02		oreen initiative and commany oreening	in contributing to ecosystems services and the sustainability of the built environment. The	Sustainability course		
				course evaluations the colonge, issues, challenges, and the policy, planning and design colutions			
				course explores the science, issues, challenges, and the policy, planning and design solutions			
		Undergraduate		offered by green infrastructure.			
Spring 2016	LARC461		People and the Environment	Focus is placed on human and environmental interactions. Students will look at both natural			
				and built environments and how they influence human health and well-being. Many			
				environmental settings will be examined. These include hospitals, public housing			
				neighborhoods, school settings, retirement communities, transportation corridors and			
				green spaces. We will also explore how racial and socio-economic factors affect living and			
				working environmental conditions. Ultimately, students will be using this knowledge to			
				create environments that support individuals, families and various community groups'			
		Undergraduate		health and well-being.	Sustainability Course		
		onder graddate		A constant even being:	Sustainability course		
				methodologies introduced throughout the londegane prohitesture surfactory. Chudents			
				methodologies introduced throughout the landscape architecture curriculum. Students			
				apply design and analysis methodologies, evaluate alternative solutions, involve community			
				residents and engage in final design development, using the master plan and site design			
				process, report writing, and oral and graphic presentations. Final presentations are open to			
				the university and the community. A Partnership for Action Learning in Sustainability (PALS)			
Summer 2016	5 LARC471	Undergraduate	Capstone Studio: Community Design	course where students apply classroom learning to actual community needs.	Sustainability Course		
				Principles and techniques of design as applied to shaping the landscape developing concepts			
				in visual thinking, environmental awareness, and design intervention through studio			
Fall 2016	LARC640	Graduate	Graduate Studio I	exercises and projects	Course w/ Sustainability		
10112010	2.4100.10	oradate		Principles and techniques of site analysis environmental design and site development for	course wy sustainability		
				human settlements and interaction with natural systems. Will average and stedevelopment for			
				numan settiements and interaction with natural systems. Will expand analytical skins			
				through complex site design problems. Students will research, observe and apply low impact			
				development and sustainable practices, become familiar with building and landscape types			
				by investigating alternative arrangements on the land, and understand user needs and			
				design for populations with a range of abilities. Will support LEED and sustainable practices			
Spring 2016	LARC641	Graduate	Graduate Studio II	and acknowledge the requirements of public health, safety, and welfare.	Sustainability Course		
Fall 2016	LARC642		Graduate Studio III	A focus on the interaction of landscape science (hydrology, geology, etc.) with the			
				necessities and mechanisms of human settlements (transportation, economics, etc.)			
				emphasizing innovative and forward thinking solutions to urbanization and ecological			
				problems. It will apply this knowledge to landscape analysis, recreational planning and			
				design and community development emphasizing resource management snatial			
				organization landscape character, and the physical and social structure of community			
		Craduata		convices. This source will be required for both Track 1 and Track 2 students	Sustainability Course		
		Graduate		services. This course will be required for both trach 1 and track 2 students.	Sustainability course		
				An exploration that will focus on issues in landscape planning and design such as campus			
				planning, urban housing and recreation, and neighborhood preservation, restoration and			
				development. Projects will emphasize the value of responsible academic and civic			
				landscapes, the place of historic resources in contemporary life, and innovative solutions for			
Spring 2016	LARC648	Graduate	Graduate Studio IV	the integration of past and future landscapes.	Course w/ Sustainability		
Fall 2016	LARC670		Landscape Architecture Theory and Criticism	Review and analysis of the body of literature concerning landscape architecture and	Course w/ Sustainability		
				relationships between humans and both natural and designed environments. Topics may			
				include: rationalism, ethics, aesthetics, social and economic values, postmodernism,			
				feminist, multiculturalism, ecological determinism, preservation/conservation, and			
				sustainability and ecological design. Each week students will lead a debate and discussion on			
		Graduate		a theoretical issue based on the assigned readings for that week			
Spring 2016	1 ARC 720	oradate	Environmental Analysis and Site Engineering	Techniques for prediction of alterations in social and natural processe brought about by	Sustainability Course		
Spring 2010	2/11/07/20		contraction Analysis and site Engineering	human use of the land; application of such assossments to onvisonmental managements	Sustainability course		
				having use of the land, application of such assessments to environmental individing grading			
		Construct		drainage read and trail design and stormuster accesses			
		Graduate		uramage, road and trail design, and stormwater management.			
				Basic methods of constructing landscapes and manipulating the appropriate plant and			
				inorganic materials for the creation of ecologically sustainable environments for human use.			
				An examination of the use, properties, and detailing of materials used in landscape			
Fall 2016	LARC721	Graduate	Landscape Construction Methods and Materials	construction.	Sustainability Course		
Fall 2016	LARC748		Advanced Special Topics Studio	Advanced special topics comprehensive landscape architecture studio-exploration will focus			
				on cultural, behavioral and ecological issues in the physical planning and design of urban			
		Graduate		landscapes.	Sustainability Course		
		2. 300000		a company to the second se			

Term	Course Code	Level	Course Title	Course Description	Course Type			
Spring 2016	LARC748		Advanced Special Topics Studio	Advanced special topics comprehensive landscape architecture studio-exploration will focus				
-1 0			· · · · · · · · · · · · · · · · · · ·	on cultural, behavioral and ecological issues in the physical planning and design of urban				
		Graduate		landscapes.	Sustainability Course			
		oradaee		Introductory survey of the history of Latin America from pre-Columbian Indian cultures to				
				the beginning of the wars for independence (ca. 1810), covering cultural, political, social				
				and economic developments. Major themes include conquest, colonialism, indigenous				
Fall 2016	1450250	Undergraduate	History of Colonial Latin America	culture African slavery religion race and ethnicity and gender ideologies	Course w/ Sustainability			
Fall 2016	LASCE30	under graddate	Diverse Reputations, Inclusion, and Information	Importance of equality of information access. Social indicational technological barriers to	course wy sustainability			
Fall 2010	LB3C020		Diverse Populations, inclusion, and information	information Information needs of diverse and underconnected nepulations. Brinciples of				
		Creducto		inclusive information recus of diverse and underrepresented populations. Principles of	Sustainability Course			
5-II 201C	NAEEC 4001	Graduate	Tanias in Manias Estuarias Estimates antal Calances	The set of the Charge set of Biological Lebenstein and an the Internetive Video Naturals	Sustainability Course			
Fall 2016	IVIEES498I	Undergraduate	Topics in Marine-Estuarine-Environmental Sciences	Taught at the Chesapeake Biological Laboratory and on the Interactive Video Network	Course w/ Sustainability			
Spring 2016	MEES4981	Undergraduate	Topics in Marine-Estuarine-Environmental Sciences	laught at the Chesapeake Biological Laboratory and on the Interactive Video Network	Course w/ Sustainability			
Fall 2016	MEES608B	Graduate	Seminar in Marine-Estuarine-Environmental Sciences	laught at the Chesapeake Biological Laboratory and on the Interactive Video Network	Course w/ Sustainability			
Spring 2016	MEES608C	Graduate	Seminar in Marine-Estuarine-Environmental Sciences	Taught at IMET on the Interactive Video Network	Course w/ Sustainability			
Fall 2016	MEES608D	Graduate	Seminar in Marine-Estuarine-Environmental Sciences	No Description Available or on Testudo	Course w/ Sustainability			
Spring 2016	MEES608L	Graduate	Seminar in Marine-Estuarine-Environmental Sciences	No Description Available or on Testudo	Course w/ Sustainability			
Spring 2016	MEES608N	Graduate	Seminar in Marine-Estuarine-Environmental Sciences	No Description Available or on Testudo	Course w/ Sustainability			
Fall 2016	MEES608O	Graduate	Seminar in Marine-Estuarine-Environmental Sciences	No Description Available or on Testudo	Course w/ Sustainability			
Spring 2016	MEES608Q	Graduate	Seminar in Marine-Estuarine-Environmental Sciences	No Description Available or on Testudo	Course w/ Sustainability			
Spring 2016	MEES608R	Graduate	Seminar in Marine-Estuarine-Environmental Sciences	No Description Available or on Testudo	Course w/ Sustainability			
Spring 2016	MEES617		Hydrological Effects of Land Use Change	Detailed examination of the catchment-scale hydrological effects attributable to major land	Course w/ Sustainability			
		Graduate		use and land cover alterations, including both anthropic and non-anthropic disturbances.				
				Population and community ecology of estuarine and marine systems; coastal and estuarine				
Fall 2016	MEES621	Graduate	Biological Oceanography	processes are emphasized in the context of oceans in general. Field and lab trips required.	Course w/ Sustainability			
			J J J J J J J J J J J J J J J J J J J	Brief overview of biogeochemical cycles; fundamental aquatic chemistry that can be applied	Course w/ Sustainability			
Fall 2016	MEES626	Graduate	Environmental Geochemistry I	to a variety of environmental systems.				
				Study of the interrelationships between individuals, their communities and environment.	Course w/ Sustainability			
				Explores the environmental biology of fish, feeding ecology, energetics and growth.				
				population biology, reproduction and life history, and population and community				
Spring 2016	MEES631	Graduate	Fish Ecology	interactions.				
Spring 2016	MEES681	oradaee	Advanced Ecological Design	An advanced survey course on the field of ecological design. Principles of design are				
opini <u>6</u> 2010				illustrated with case studies from biologically-based waste treatment systems, ecosystem				
		Graduate		management and sustainable development	Sustainability Course			
Fall 2016	MEESGORB	Graduate	Special Tonics in Marine-Estuarine-Environmental Sciences	No Description Available or on Testudo	Course w/ Sustainability			
Fall 2016	MEES608E	Graduate	Special Topics in Marine-Estuarine-Environmental Sciences	Overview of critical ecosystem functions across biomes/geologic settings emphasizing	Course w/ Sustainability			
1 811 2010	WILLSUSUL		special topics in Marine-Estdame-Environmental sciences	tradeoffs in restoration designs. Case studies illuminate structure's influence over				
				highly single station designs. Case studies manimate structure similarities over				
				properties of physical chemical and ecosystem processes can be altered by different				
				restoration strategies to ontimize ecosystem processes can be altered by different				
		Craduata		semaster research project	Course w/ Sustainability			
Fall 2016	MEECOON	Graduate	Special Topics in Marine Estuarine Environmental Sciences	No Description Available or on Testudo	Course w/ Sustainability			
Fall 2010	MEESCOOL	Graduate	Special Topics in Marine Estuarine Environmental Sciences	No Description Available of on Testudo	Course w/ Sustainability			
Spring 2010	IVIEE3036J	Graduate	Special Topics in Marine Estuarine Environmental Sciences	No Description Available of on Testudo	Course w/ Sustainability			
Winter 2016	IVIEES698L	Graduate	Special Topics in Marine-Estuarine-Environmental Sciences	No Description Available or on Testudo	Course w/ Sustainability			
Fall 2010	IVIEES098N	Graduate	Special Topics in Marine-Estuarine-Environmental Sciences	No Description Available or on Testudo	Course W/ Sustainability			
Sum 1 2016	IVIEES098K	Graduate	Special Topics in Marine-Estuarine-Environmental Sciences	No Description Available or on Testudo	Course w/ Sustainability			
Spring 2016	IVIEES698T	Graduate	Special Topics in Marine-Estuarine-Environmental Sciences	No Description Available or on Testudo	Course w/ Sustainability			
Fall 2016	MEES699	Graduate	Special Problems in Marine-Estuarine-Environmental Sciences	Research on specialized topics under the direction of individual faculty members	Sustainability Course			
Spring 2016	MEES699	Graduate	Special Problems in Marine-Estuarine-Environmental Sciences	Research on specialized topics under thd direction of individual faculty members	Sustainability Course			
Sum I 2016	MEES699	Graduate	Special Problems in Marine-Estuarine-Environmental Sciences	Research on specialized topics under thd direction of individual faculty members	Sustainability Course			
Fall 2016	MEES708F	Graduate	Advanced Topics in Marine-Estuarine-Environmental Science	No Description Available or on Testudo	Course w/ Sustainability			
Fall 2016	MEES708G	Graduate	Advanced Topics in Marine-Estuarine-Environmental Science	No Description Available or on Testudo	Course w/ Sustainability			
Spring 2016	MEES708I	Graduate	Advanced Topics in Marine-Estuarine-Environmental Science	No Description Available or on Testudo	Course w/ Sustainability			
Fall 2016	MEES708K	Graduate	Advanced Topics in Marine-Estuarine-Environmental Science	No Description Available or on Testudo	Course w/ Sustainability			
Spring 2016	MEES708L	Graduate	Advanced Topics in Marine-Estuarine-Environmental Science	No Description Available or on Testudo	Course w/ Sustainability			
Spring 2016	MEES708P	Graduate	Advanced Topics in Marine-Estuarine-Environmental Science	No Description Available or on Testudo	Course w/ Sustainability			
Spring 2016	MEES708Q	Graduate	Advanced Topics in Marine-Estuarine-Environmental Science	No Description Available or on Testudo	Course w/ Sustainability			
Spring 2016	MEES708R	Graduate	Advanced Topics in Marine-Estuarine-Environmental Science	No Description Available or on Testudo	Course w/ Sustainability			
Spring 2016	MEES708T	Graduate	Advanced Topics in Marine-Estuarine-Environmental Science	No Description Available or on Testudo	Course w/ Sustainability			
Spring 2016	MEES743		Aquatic Toxicology	Comprehensive course in which a definitive description of basic concepts and principles.	Sustainability Course			
				laboratory testing and field situations, as well as examples of typical data and their	,			
				interpretation and use by industry and water resource managers, will be discussed. The				
				toxicological action and fate of environmental pollutants will be examined in aquatic				
		Graduate		ecosystems, whole organisms and at the cellular. biochemical and molecular levels.				
		A CONTRACTOR OF A						

Term	Course Code	Level	Course Title	Course Description	Course Type		
				Explore the needs of global communities, design interventions, and reflect on the potential	Course w/ Sustainability		
				outcomes in improving health in the communities served, while also focusing on students'			
			Global Health Projects: Addressing Health Needs with a focus on	own subjective experiences. Students will explore their roles as learners and the role of			
Spring 2016	MIEH240	Undergraduate	Reciprocity and Relationships	community members as local experts.			
				Environmental health is that branch of public health that deals with the human health	Course w/ Sustainability		
				effects of exposure to chemical, physical, and biological agents in the community,			
				workplace, and home. Activities within Environmental Health Sciences are associated with			
				recognizing, assessing, understanding, and mitigating the impacts of chemical, physical, and			
				biological agents as well as understanding now numan behavior and action impacts the			
				environment. This course focuses on the central concepts, principles, issues, and			
E-11 2016		Undependent	A Public Health Percentive: Introduction to Environmental Health	applications of the essential scientific components and strategies of control of major			
Faii 2010	WIEHSOU	Undergraduate	A Public Health Perspective. Introduction to Environmental Health	Environmental health is that branch of public health that deals with the human health	Course w/ Sustainability		
				effects of exposure to chemical physical and biological agents in the community	Course wy Sustainability		
				workplace, and home. Activities within Environmental Health Sciences are associated with			
				recognizing, assessing, understanding, and mitigating the impacts of chemical, physical, and			
				biological agents as well as understanding how human behavior and action impacts the			
				environment. This course focuses on the central concepts, principles, issues, and			
				applications of the essential scientific components and strategies of control of major			
Spring 2016	MIEH300	Undergraduate	A Public Health Perspective: Introduction to Environmental Health	environmental health problems.			
				Environmental health is that branch of public health that deals with the human health	Course w/ Sustainability		
				effects of exposure to chemical, physical, and biological agents in the community,			
				workplace, and home. Activities within Environmental Health Sciences are associated with			
				recognizing, assessing, understanding, and mitigating the impacts of chemical, physical, and			
				biological agents as well as understanding how human behavior and action impacts the			
				environment. This course focuses on the central concepts, principles, issues, and			
Curra 1 201 C	MIEU200		A Dublic Harlah Danagastina Jakasah stira ta Daviasan satul Harlah	applications of the essential scientific components and strategies of control of major			
Sum 1 2016	MIEH300	Undergraduate	A Public Health Perspective: Introduction to Environmental Health	environmental nealth problems.	Custoine bility Course		
Fall 2016	WIEH309		Environmental Health Research	This research-based course will provide undergraduates with the opportunity to work	Sustainability Course		
				Environmental Health (MIAEH) within the School of Public Health Our research covers			
				multiple fields within the environmental health sciences (e.g. environmental enidemiology			
				exposure science, risk assessment, environmental microbiology, environmental microbial			
				genomics, food toxicology, airborne infection transmission, environmental justice, and			
				children's environmental health) that involve either laboratory-based research or non-			
				laboratory based studies. Students will not only gain invaluable research and interpersonal			
		Undergraduate		skills but also contribute to MIAEH's ongoing environmental health research programs.			
Spring 2016	MIEH309		Environmental Health Research	This research-based course will provide undergraduates with the opportunity to work	Sustainability Course		
				closely with one of the faculty researchers in the Maryland Institute for Applied			
				Environmental Health (MIAEH) within the School of Public Health. Our research covers			
				multiple fields within the environmental health sciences (e.g. environmental epidemiology,			
				exposure science, risk assessment, environmental microbiology, environmental microbial			
				genomics, rood toxicology, airborne infection transmission, environmental justice, and			
				children's environmental nearth) that involve either laboratory-based research and internersonal			
		Undergraduate		skills but also contribute to MIAFH's ongoing environmental health research programs			
Sum   2016	MIEH309	shuci 5i autate	Environmental Health Research	This research-based course will provide undergraduates with the opportunity to work	Sustainability Course		
				closely with one of the faculty researchers in the Maryland Institute for Applied			
				Environmental Health (MIAEH) within the School of Public Health. Our research covers			
				multiple fields within the environmental health sciences (e.g. environmental epidemiology,			
				exposure science, risk assessment, environmental microbiology, environmental microbial			
				genomics, food toxicology, airborne infection transmission, environmental justice, and			
				children's environmental health) that involve either laboratory-based research or non-			
				laboratory based studies. Students will not only gain invaluable research and interpersonal			
		Undergraduate		skills but also contribute to MIAEH's ongoing environmental health research programs.			
				Syphilis to SARS will examine the influences of environmental factors, economic	course w/ Sustainability		
				uevelopment, migration, and land use changes on emergence and reemergence of			
				natural reservoirs of infectious diseases and how they transmit through human populations			
				The course will look at both historical accounts and newly emerging and reemerging			
				diseases including influenza as examples of our role in altering the diseases that threaten us.			
			Syphilis to SARS: Climate Change, Development and Emergence of	We will also critically evaluate how the issues are portrayed in news and entertainment			
Fall 2016	MIEH321	Undergraduate	Infectious Diseases	media and controversy about the ethics of research on deadly viruses.			
Fall 2016	MIEH330		Environmental Justice, Racism, and Environmental Health Disparities:	Introduction of environmental justice history, theory and science, with discussion of linkages	5		
			How where you live can kill you	between the built environment and environmental injustice. Examination of how the built			
		Undergraduate		environment can lead to adverse health conditions and racial/ethnic health disparities.	Sustainability Course		

Term	Course Code	Level	Course Title	Course Description	Course Type		
Spring 2016	MIFH330		Environmental Justice, Bacism, and Environmental Health Disparities:	Introduction of environmental justice history, theory and science, with discussion of linkages			
			How where you live can kill you	between the built environment and environmental injustice. Examination of how the built			
		Undergraduate		environment can lead to adverse health conditions and racial/ethnic health disparities	Sustainability Course		
Sum I 2016	MIEH221	ondergraddate	The Built Environment Sustainability and Public Health: The Good	Provides students with a fundamental understanding of theory concents and issues related			
50111 2010	WIILIISSI		the Pad, and the Light	to the built environment: how the built environment influences behaviors and health			
			the bad, and the ogly	autoemest and expertunities to improve the built environment through planning raning			
				outcomes; and opportunities to improve the built environment through planning, zoning,			
				and community development initiatives that can make communities healthier, just, and			
		Undergraduate		more sustainable.	Sustainability Course		
Winter 2016	MIEH331		The Built Environment, Sustainability, and Public Health: The Good,	Provides students with a fundamental understanding of theory, concepts, and issues related			
			the Bad, and the Ugly	to the built environment; how the built environment influences behaviors and health			
				outcomes; and opportunities to improve the built environment through planning, zoning,			
				and community development initiatives that can make communities healthier, just, and			
		Undergraduate		more sustainable.	Sustainability Course		
Fall 2016	MIEH400		Introduction to Global Health	Exploration of theoretical frameworks and practical perspectives on issues shaping the			
				global health panorama. Determinants examined through: biological and epidemiological;			
				social, cultural and economic; environmental and geographic; multi-section, legal and			
				institutional perspectives with synopsis of how these issues are addressed by international			
		Undergraduate		and community organizations in developing countries.	Sustainability Course		
Spring 2016	MIEH400		Introduction to Global Health	Exploration of theoretical frameworks and practical perspectives on issues shaping the	· · · · · · · · · · · · · · · · · · ·		
				global health panorama. Determinants examined through: biological and epidemiological			
				social, cultural and economic; environmental and geographic; multi-section, legal and			
				institutional perspectives with synonsis of how these issues are addressed by international			
		Undergraduate		and community organizations in developing countries	Sustainability Course		
Sum 1 2016		under graduate	Introduction to Clobal Health	Evaluation of theoretical frameworks and practical perspectives on issues chaning the	Sustainability course		
Juii 1 2010	WIEH400			alabal bealth paperama. Determinants examined through: biological and enidemiological			
				giobal nearch parloratila. Determinants examined through, biological and epidemiological,			
				social, cultural and economic; environmental and geographic; multi-section, legal and			
				institutional perspectives with synopsis of now these issues are addressed by international			
		Undergraduate		and community organizations in developing countries.	Sustainability Course		
				Introduction to the field of occupational health and safety. Exploration of basic concepts in	Course w/ Sustainability		
				occupational safety and health and methods to anticipate, recognize, evaluate, and control			
Fall 2016	MIEH480	Undergraduate	Introduction to Occupational Health	environmental factors or stresses arising in or from the workplace.			
				An introduction to the field of occupational health and safety. Introduction to basic	Course w/ Sustainability		
				concepts in occupational safety and health, as well as the methods used to anticipate,			
				recognize, evaluate, and control environmental factors or stresses arising in or from the			
				workplace. In addition to instructor-led lectures, guest speakers will be invited to discuss			
Spring 2016	MIEH480	Undergraduate	Introduction to Occupational Health	case studies and/or discuss workplace hazards unique to specific populations.			
Fall 2016	MIEH600		Foundations of Environmental Health	Overview of the chemical, physical and biological hazards present in ou living and working	Sustainability Course		
				environment and their effects on human health. Topics include: exposure assessment,			
				industrial hygiene and safety, pesticides, community and indoor pollution, food-borne			
				diseases, solid and hazardous wastes, water resources, risk assessement, ecological issues			
		Graduate		and environmental laws.			
Spring 2016	MIFH600		Foundations of Environmental Health	Overview of the chemical, physical and biological hazards present in oulliving and working	Sustainability Course		
				environment and their effects on human health. Topics include: exposure assessment			
				industrial hygiene and safety, pesticides, community and induor pollution, food-horne			
				diseases solid and bazardous wastes water resources risk assessment ecological issues			
		Craduata		and anvironmental laws			
Sum 1 2016	MIEUCOO	Graduate	Foundations of Environmental Health	And environmental laws.	Sustainability Course		
Sum 12016	IVITEHOUU		Foundations of Environmental Health	Overview of the chemical, physical and biological hazards present in our inving and working	Sustainability Course		
				environment and their effects on numan health. Topics include: exposure assessment,			
				industrial hygene and safety, pesicides, community and indoor pollution, rood-borne			
				diseases, solid and hazardous wastes, water resources, risk assessement, ecological issues			
		Graduate		and environmental laws.			
				Exploration of theoretical frameworks and practicial perspectives in global health with	Course w/ Sustainability		
				particular attention to the analysis of the biological, epidemiological, social, cultural and			
				behavioral interactions that affect global health study and project implementation. The			
Fall 2016	MIEH605	Graduate	Fundamentals of Global Health	emphasis is on innovative solutions to health issues in underserved populations.			
Fall 2016	MIEH606		Addressing Current, Pressing Global and Environmental Public Health	This course focuses on how to operationalize public health field research/practice on the	Sustainability Course		
			Challenges in Bangladesh	ground in Bangladesh. The public health threat that will be addressed is solid waste			
				management in Dhaka. With a landmass equivalent to the State of Wisconsin and the			
				world's eighth largest poulation, Bangladesh is the most densely populated country on the			
				globe. This course will give students the opportunity to collaborate virtually with students			
		Graduate		in Bangladesh.			

Term	Course Code	Level	Course Title	Course Description	Course Type			
Spring 2016	MIEH609		Methods in Toxicology	This research-based rotation in toxicology and environmental health will provide doctoral	Sustainability Course			
				students with the opportunity to work closely with one of the faculty researchers in the				
				Maryland Institute for Applied Environmental Health (MIAEH) within the School of Public				
				Health. Our research covers multiple fields within the environmental health sciences (e.g.				
				environmental epidemiology, exposure science, risk assessment, environmental				
				microbiology, environmental microbiology, environmental microbial genomics, food				
				toxicology, airborne infection transmission, environmental justice, and children's				
				environmental health) that involve either laboratory-based research or non-laboratory				
				based studies. Students will not only gain invaluable research experience and interpersonal				
		Graduate		skills but also contribute to MIAEH's ongoing environmental health research programs.				
Sum I 2016	MIEH609		Methods in Toxicology and Environmental Health	This research-based rotation in toxicology and environmental health will provide doctoral	Sustainability Course			
				students with the opportunity to work closely with one of the faculty researchers in the				
				Maryland Institute for Applied Environmental Health (MIAEH) within the School of Public				
				Health. Our research covers multiple fields within the environmental health sciences (e.g.				
				environmental epidemiology, exposure science, risk assessment, environmental				
				microbiology, environmental microbiology, environmental microbial genomics, food				
				toxicology, airborne infection transmission, environmental justice, and children's				
				environmental health) that involve either laboratory-based research or non-laboratory				
				based studies. Students will not only gain invaluable research experience and interpersonal				
		Graduate		skills but also contribute to MIAEH's ongoing environmental health research programs.				
				Development of health program and evaluation plans to address critical health problems in	Course w/ Sustainability			
				international settings, especially transitional or in-conflict countries. Emphasis on linking a				
				tactical program plan to overall health problems of a nation, to include the policy and				
Spring 2016	MIEH610	Graduate	Global Health Program Planning and Evaluation	economic issues involved in assessment, implementation and evaluation.				
				Explores the critical components in developing, implementing and evaluating	Course w/ Sustainability			
				health/population promotion and communication interventions. Emphasis is on theory				
				application to a variety of cultural settings. Formative and quantitative research methods				
Winter 2016	MIEH620	Graduate	Global Health Communication and Promotion	will be utilized.				
Sum I 2016	MIEH630		Global Health Diplomacy	This course introduces students to the shifting nature of Global Health Diplomacy in a multi-	Sustainability Course			
				polar wold with a specific focus on post-conflict or transitional states. It will analyze the				
				interaction between foreign policy and public health from macro and micro levels to see the				
				ways in which states, international organizations and other actors have adapted to these				
				shifts in power. The course aims to introduce students to new ways of understanding global				
		Construction		health diplomacy and aims to give students the tools to start formulating their own				
		Graduate		innovative solutions to health issues in post conflict countries.	Course of Courtering hilling			
			Consistencia the Manufaced Institute for Applied Environmental Uselah.	This seminar course will include a mixture of research seminars given by invited guest	Course w/ Sustainability			
Fall 2016	MITUCOO	Construction	Seminar in the Maryland Institute for Applied Environmental Health:	speakers, project and research activity by faculty members, journal article discussions led by				
Fall 2010	IVITETIDOO	Graduate		This sensing a subscripting presentations and webinars	Course of Courtering hilling			
			Consistencia the Manufaced Institute for Applied Environmental Uselah.	This seminar course will include a mixture of research seminars given by invited guest	Course w/ Sustainability			
Corring 2016	MITUCOO	Construction	Seminar in the Maryland Institute for Applied Environmental Health:	speakers, project and research activity by faculty members, journal article discussions led by				
Shung 2010	IVITETIDOO	Graduate		enrolieu students, internship presentations and webinars				
				Overview of toxicology, including exposure pathways, toxicokinetics, dermai toxicants,				
				carcinogens, and genetic, reproductive, infinuno-, nuero-, target organs, complex mixtures,				
Spring 2016		Creducto	Bringiples of Toyicology	of global pational and regional interest	Course w/ Sustainability			
Spring 2010	WIEH720	Graduate	Principles of Toxicology	Division of the major methods of human and ecological risk assessment conducted by the U	Course w/ Sustainability			
Fall 2016	MIEH740	Graduate	Environmental Health Risk Assessment	S Environment Protection Agency Emphasis on sources of uncertainty	Course wy sustainability			
1 011 2010	WIL1740	JI duud Le	Environmental freatti hisk Assessifient	Overview of laws that affect the environment, and the various wave in which husinesses are	Course w/ Sustainability			
				regulated by the government in the interest of protecting the environment. Interestional	course wy sustainability			
				Federal state and local laws and regulations related to the protection of human health and				
				the regulation of environmental containments including biological physicalanc chemical				
				factors affecting community health. Evamination of the interactions between and differing				
Spring 2016	MIEH770	Graduate	Law and Policy in Environmental Health	responsibilities of various agencies enforcing environmental laws and regulations				
5pmg 2010		51 audate		Approaches and methods for determining exposure to environmental contaminants				
				Biomonitoring and genetic methods to detect recent exposures. Ontimizing exposure				
Spring 2016	MIFH771	Graduate	Exposure Assessment of Environmental Hazards	assessment	Course w/ Sustainability			
Spring 2010		Ji auud Le	Exposer emocesment or environmental flazarus	A synthesis of enidemiology toxicology exposure science, risk assessment, and policy	Course w/ Sustainability			
				Emphasis will be on methods for anticinating recognizing evaluating and controlling	Source wy Sustainability			
Fall 2016	MIEH780	Graduate	Occupational Health	workplace hazards: the hierarchy of controls: and current hot tonics in occupational health				
1 011 2010	WILLINGU	Graduate	occupational realth	Internship and seminar providing an opportunity to apply previously acquired knowledge	Course w/ Sustainability			
				and skills in a health or allied health organization. Setting of the interaction will depend upon	course wy sustainability			
Fall 2016	MIFH785	Graduate	Internship in Public Health	the student's background and career goals				
2010		Siduate		Internshin and seminar providing an opportunity to apply previously acquired knowledge	Course w/ Sustainability			
				and skills in a health or allied health organization. Setting of the interaction will depend upon	Source wy Sustainability			
Spring 2016	MIEH785	Graduate	Internship in Public Health	the student's background and career goals				
		JI GUGGLE		The second s				

Term	Course Code	Level	Course Title	Course Description	Course Type		
				Internship and seminar providing an opportunity to apply previously acquired knowledge	Course w/ Sustainability		
				and skills in a health or allied health organization. Setting of the internship will depend upon	,		
Sum I 2016	MIFH785	Graduate	Internship in Public Health	the student's background and career goals.			
541112010	initer in 05	Graduate		Internship and seminar providing an opportunity to apply previously acquired knowledge	Course w/ Sustainability		
				and skills in a health or allied health organization. Setting of the internship will depend upon	course wy sustainability		
Winter 2016		Conducto	Internship in Bublic Health	the student's background and career goals			
winter 2010	WIEI765	Graduate		Constante and a second and called goals.	Course w/ Sustainability		
				Capstone experience providing opportunity to apply knowledge and skills to a specific public	Course w/ Sustainability		
5 11 204 6				nealth problem or issue. Completion of project relevant to public nealth under the direction			
Fall 2016	MIEH /86	Graduate	Captsone Project in Public Health	of an advisor.			
				Capstone experience provding opportunity to apply knowledge and skills to a specific public	Course w/ Sustainability		
				health problem or issue. Completion of project relevant to public health under the direction			
Spring 2016	MIEH786	Graduate	Captsone Project in Public Health	of an advisor.			
				Capstone experience provding opportunity to apply knowledge and skills to a specific public	Course w/ Sustainability		
				health problem or issue. Completion of project relevant to public health under the direction			
Sum I 2016	MIEH786	Graduate	Captsone Project in Public Health	of an advisor.			
				Capstone experience provding opportunity to apply knowledge and skills to a specific public	Course w/ Sustainability		
				health problem or issue. Completion of project relevant to public health under the direction			
Winter 2016	MIEH786	Graduate	Captsone Project in Public Health	of an advisor.			
				In-depth examination and critical discussion of the current literature relevant to	Course w/ Sustainability		
Fall 2016	MIFH788	Graduate	Critical Readings in Environmental Health	environmental health.			
		ordddaec		In-depth examination and critical discussion of the current literature relevant to	Course w/ Sustainability		
Spring 2016	MIEH788	Craduata	Critical Readings in Environmental Health	environmental health	course wy sustainability		
Spring 2010	WITETT7 00	Graduate	cifical readings in Environmental realth	In death eveningtion and critical discussion of the surrent literature relevant to	Course w/ Sustainability		
Sum 1 2016	MIEU 700	Caralization	Critical Beadings in Environmental Health	m-depth examination and critical discussion of the current interature relevant to	Course w/ Sustainability		
Sull1 2010	IVIIET / 66	Graduate	Critical Readings in Environmental Health	environmental nealth.			
				In-depth examination and critical discussion of the current literature relevant to	Course w/ Sustainability		
Winter 2016	MIEH788	Graduate	Critical Readings in Environmental Health	environmental health.			
				An exploration into the relationship between justice and law, including psychological,			
				philosophical, political and legal approaches to justice, as well as an analytical framework for	r		
Fall 2016	MLAW100	Undergraduate	Justice and the Law	understanding human rights.	Course w/ Sustainability		
				Examining the social context for police abuse and urban uprising, this course will investigate	Course w/ Sustainability		
				issues pertaining to Freddie Gray's death including in areas of: criminal justice, police-			
Spring 2016	MLAW374	Undergraduate	Freddie Gray's Baltimore	minority community relations, housing, schools, and access to health care.			
Sum I 2016	MLSC401		Guatemala Indigenous Language School and Mentored Research	Spanish is the official language of Guatemala; however, Guatemala is also home to several	Course w/ Sustainability		
			Experience	dozen indigenous languages, many of them endangered and on the verge of extinction.			
				Taking place in the highlands of Guatemala, a two-week intensive language course in one of			
				the indigenous Mayan languages will be followed by a two-week language research			
				experience. An important focus of this course is language and culture promotion and			
				language attrition prevention within a global framework. As such it holds relevance for			
				students in humanities and social sciences as well as health disciplines, since the			
				maintenance of language and culture is intimately related to issues of public health in			
		Undergreducte		Guatomala			
Cum 1 201 C	MISCOM	Undergraduate	Customela Indiana and Language Coloral and Mantanad Descende	Guatemala.	Course ou / Coustoire billto		
5um i 2016	IVILSC601		Guatemaia indigenous Language School and Mentored Research	spanish is the official language of Guatemala; however, Guatemala is also nome to several	course w/ Sustainability		
			Experience	dozen indigenous languages, many of them endangered and on the verge of extinction.			
				Taking place in the highlands of Guatemala, a two-week intensive language course in one of			
				the indigenous Mayan languages will be followed by a two-week language research			
				experience. An important focus of this course is language and culture promotion and			
				language attrition prevention within a global framework. As such it holds relevance for			
				students in humanities and social sciences as well as health disciplines, since the			
				maintenance of language and culture is intimately related to issues of public health in			
		Graduate		Guatemala.			
				Music as a part of culture. Materials drawn from traditions throughout the globe to			
				illustrate issues of historical and contemporary significance, including the impact of race.			
Fall 2016	MUSC210	Graduate	The Impact of Music on Life	class and gender on the study of music.	Course w/ Sustainability		
		or dadate		Music as a part of culture. Materials drawn from traditions throughout the globe to			
				illustrate issues of historical and contemporary significance, including the impact of race			
Spring 2016	MUSC210	Craduata	The Impact of Music on Life	class and render on the study of music	Course w/ Sustainability		
2h1118 2010	1030210	oi duua te	The impact of Music on Life	Europeratele of human nutrition. Nutrient reminerate related to the second of human nutrition.	course wy sustainability		
				Fundamentals of numan nutrition. Nutrient requirements related to changing individual and			
				ramily needs. The course will include an examination of current literature in this field.			
				Facuity for this course completed the Sustainable Teaching Fellows Workshop and revised			
Fall 2016	NFSC100	Undergraduate	Elements of Nutrition	this course to include a sustainability-related unit or project.	Course w/ Sustainability		
				Fundamentals of human nutrition. Nutrient requirements related to changing individual and			
				family needs. The course will include an examination of current literature in this field.			
				Faculty for this course completed the Sustainable Teaching Fellows Workshop and revised			
Spring 2016	NFSC100	Undergraduate	Elements of Nutrition	this course to include a sustainability-related unit or project.	Course w/ Sustainability		

Term	Course Code	Level	Course Title	Course Description	Course Type		
				Fundamentals of human nutrition. Nutrient requirements related to changing individual and			
				family needs. The course will include an examination of current literature in this field			
				Eaculty for this course completed the Sustainable Teaching Fellows Workshop and revised			
Sum I 2016	NESC100	Undergraduate	Elements of Nutrition	this course to include a sustainability-related unit or project	Course w/ Sustainability		
501112010	NI SCIOO	Undergraduate		Europerate of human putrition. Nutrient requirements related to changing individual and	course w/ Sustainability		
				family needs. The source will include an exemination of surrent literature in this field			
				Taminy needs. The course will include an examination of current interature in this field.			
Winter 2010	NECCION		Flammarka of Nutwittlan	Faculty for this course completed the sustainable reaching reliows workshop and revised	Course ou / Courte in a bility		
Winter 2016	NFSC100	Undergraduate	Elements of Nutrition	this course to include a sustainability-related unit or project.	Course w/ Sustainability		
				Introduction to the realm of food science, food technology and food processing. An	Course w/ Sustainability		
				overview of the largest industry in the U.S. with emphasis on the science of food and the			
				technology of food preservation from harvest through processing and packaging to			
Fall 2016	NFSC112	Undergraduate	Food: Science and Technology	distribution and consumer utilization.			
				Introduction to the realm of food science, food technology and food processing. An	Course w/ Sustainability		
				overview of the largest industry in the U.S. with emphasis on the science of food and the			
				technology of food preservation from harvest through processing and packaging to			
Sum I 2016	NFSC112	Undergraduate	Food: Science and Technology	distribution and consumer utilization.			
				A study of how development throughout life, including prenatal development, pregnancy,	Course w/ Sustainability		
				lactation, adolescence and aging, alter nutrient requirements. Students will apply this			
Spring 2016	NFSC315	Undergraduate	Nutrition During the Life Cycle	knowledge to the dietary needs and food choices of these different groups.			
Spring 2016	NFSC398	Undergraduate	Seminar	Presentation and discussion of current literature and research in food science.	Course w/ Sustainability		
Fall 2016	NFSC399	Undergraduate	Special Problems in Food Science	Designed for advanced undergraduates. Specific problems in food science will be assigned.	Course w/ Sustainability		
Spring 2016	NFSC399	Undergraduate	Special Problems in Food Science	Designed for advanced undergraduates. Specific problems in food science will be assigned.	Course w/ Sustainability		
				Nutritional status of world population: consequences of malnutrition on health and mental	Course w/ Sustainability		
Fall 2016	NESC425	Undergraduate	International Nutrition	development: and local national and international programs for nutritional improvement			
10112020	11100120	ondergraduate		A study of microorganisms of major importance to the food industry with emphasis on food-	Course w/ Sustainability		
				harna authraaks, public health significance, bioprocessing of foods, disease control, and the	course wy sustainability		
Spring 2016	NESC420	Undependent	Food Microbiolom	borne outbreaks, public realth significance, bioprocessing of roous, disease control, and the			
Spring 2010	NF3C430	Undergraduate	FOOD MICLODIOLOGY	A mitigal study of elements and an element and the first of the second study of the se	Course ou / Constaine bility		
				A childed study of physiologic, molecular and metabolic influences of utilization of	Course w/ Sustainability		
				carbonyurates, lipius, proteins, vitamins, macro-anu micro- minerais, anu nominutritive			
5 11 2016				components of food. Interactions of these nutrients and food components will be examined			
Fall 2016	NFSC440	Undergraduate	Advanced Human Nutrition	relative to maintaining health.			
				Perspectives underlying the practice of nutrition services in community settings. Assessment	Course w/ Sustainability		
				of needs, program planning and evaluation. Programs and strategies to meet nutrition			
				needs outside the acute care setting, such as nutrition education and food assistance.			
				National nutrition policy and federal initiatives in nutrition will be examined. Students will			
Spring 2016	NFSC470	Undergraduate	Community Nutrition	be required to travel to local community nutrition sites during the semester.			
Fall 2016	NFSC490	Undergraduate	Special Problems in Nutrition	Individually selected problems in the area of human nutrition.	Course w/ Sustainability		
Spring 2016	NFSC490	Undergraduate	Special Problems in Nutrition	Individually selected problems in the area of human nutrition.	Course w/ Sustainability		
Sum I 2016	NFSC490	Undergraduate	Special Problems in Nutrition	Individually selected problems in the area of human nutrition.	Course w/ Sustainability		
				A capstone course for dietetics majors. Students will integrate knowledge and theory of	Course w/ Sustainability		
				nutrition, food, management, psychology, and social behaviors necessary to support quality			
				dietetic practice. Working in teams, students will participate in case studies, simulated			
				situations and community projects. Individuals and groups will present cases as well as			
Spring 2016	NFSC491	Undergraduate	Issues and Problems in Dietetics	papers on published research.			
				Selected current aspects of food. Related to food insecurity and the Sustainable	Course w/ Sustainability		
Fall 2016	NFSC498	Undergraduate	Selected Topics	Development Goal of Zero Hunger.			
		Ŭ		Selected current aspects of food. Related to food insecurity and the Sustainable	Course w/ Sustainability		
Spring 2016	NFSC498	Undergraduate	Selected Topics	Development Goal of Zero Hunger.			
		0		Selected current aspects of food. Related to food insecurity and the Sustainable	Course w/ Sustainability		
Winter 2016	NFSC498	Undergraduate	Selected Topics	Development Goal of Zero Hunger.			
Spring 2016	NESC679E	Graduate	Selected Topics in Food Science: Mechanics of Food Processing	Related to food insecurity and the Sustainable Development Goal of Zero Hunger.	Course w/ Sustainability		
Spring 2016	NESC679M	Graduate	Selected Topics in Food Science: Food Microbiology	Related to food insecurity and the Sustainable Development Goal of Zero Hunger	Course w/ Sustainability		
opini <u>6</u> 2010		oradate	Selected Topics in Food Science: Food Safety and Nutrition Risk	Related to rood insecurity and the oustainable bevelopment doar of zero manger.	Course w/ Sustainability		
Fall 2016	NESC679R	Graduate	Assessment	Related to food insecurity and the Sustainable Development Goal of Zero Hunger	course wy sustainability		
10112010	NI SCOT SI	Graduate	Assessment	This is a cominar course procented by NESC graduate students and invited speakers in the	Course w/ Sustainability		
Eall 2016	NESCERR	Craduata	Seminar in Nutrition and Food Science	field of nutrition and food science	Course w/ Sustainability		
10112010	111 50000	Graduate	Seminar in Natition and 1000 Science	This is a seminar course presented, by NESC graduate students and invited speakers in the	Course w/ Sustainability		
Spring 2016	NESCERR	Craduata	Seminar in Nutrition and Food Science	field of nutrition and food science	Course w/ Sustainability		
3h1118 2010	11 30000	or auuale	Seminar in Nutrition and Lood Science	Fredit according to time scheduled and magnitude of problem. An oversimental according	Course w/ Sustainability		
				creat according to three scheduled and magnitude of problem. An experimental program on	Course w/ Sustainability		
E-11 2016	NECCCO		Desklasse in Nutrities and Feed Crimes	a copic other than the student's thesis problem will be conducted. Four credits shall be the			
Fdll 2010	111-20033	Graduate	Problems in Nutrition and Food Science	maximum anoweu toward an advanced degree.	o (o )		
				Credit according to time scheduled and magnitude of problem. An experimental program on	Course w/ Sustainability		
				a topic other than the student's thesis problem will be conducted. Four credits shall be the			
Spring 2016	NFSC699	Graduate	Problems in Nutrition and Food Science	maximum allowed toward an advanced degree.			

Term	Course Code	Level	Course Title	Course Description	Course Type		
Sum I 2016	NESC699	Graduate	Problems in Nutrition and Food Science	Credit according to time scheduled and magnitude of problem. An experimental program on a topic other than the student's thesis problem will be conducted. Four credits shall be the maximum allowed toward an advanced degree	Course w/ Sustainability		
Winter 2016	NFSC699	Graduate	Problems in Nutrition and Food Science	Credit according to time scheduled and magnitude of problem. An experimental program on a topic other than the student's thesis problem will be conducted. Four credits shall be the maximum allowed toward an advanced degree.	Course w/ Sustainability		
Fall 2016	NFSC799	Graduate	Master's Thesis Research	First and second semesters. Credit in proportion to work done and results accomplished. Investigation in some phases of foodservice administration which may form the basis of a thesis. results in the form of a thesis.	Course w/ Sustainability		
Spring 2016	NFSC799	Graduate	Master's Thesis Research	First and second semesters. Credit in proportion to work done and results accomplished. Investigation in some phases of foodservice administration which may form the basis of a thesis. results in the form of a thesis.	Course w/ Sustainability		
Sum L 2016	NESC799	Craduata	Master's Thesis Decearch	First and second semesters. Credit in proportion to work done and results accomplished. Investigation in some phases of foodservice administration which may form the basis of a thesis result is the form of a thesis.	Course w/ Sustainability		
Winter 2016	NFSC799	Graduate	Master's Thesis Research	First and second semesters. Credit in proportion to work done and results accomplished. Investigation in some phases of foodservice administration which may form the basis of a thesis. results in the form of a thesis.	Course w/ Sustainability		
Fall 2016	PHIL261	Undergraduate	Philosophy of the Environment	An evaluation of different kinds of arguments for the claim that the natural environment should be preserved. Perspectives cut across the disciplines of philosophy (environmental ethics and philosophies of nature); economics (cost-benefit analysis); and biology (evolution, ecology, environmental studies).	Sustainability Course		
Spring 2016	PHSC389	Undergraduate	Independent Research Study in Public Health Science	Public Health Science Independent Research Study Experience	Course w/ Sustainability		
				Emphasis is on the history of public health in the Western world from antiquity to the present. Also examines the influence of public health developments as they relate to the Western world as well as throughout diverse cultures and societies across the globe. Analysis focuses on the interaction among Western and non-Western cultures with respect	Course w/ Sustainability		
Fall 2016	PHSC401	Undergraduate	History of Public Health	to health issues, including science, policies, prevention and treatment.			
6	DUSC 404		uli de la casta de la casta	Emphasis is on the history of public health in the Western world from antiquity to the present. Also examines the influence of public health developments as they relate to the Western world as well as throughout diverse cultures and societies across the globe. Analysis focuses on the interaction among Western and non-Western cultures with respect to both the public provides a societies across the globe.	Course w/ Sustainability		
Sum I 2016	PHSC401	Undergraduate	History of Public Health	The match is the state of the s	Course w/ Sustainability		
Winter 2016	PHSC401	Undergraduate	History of Public Health	Emphasis is on the history of public health in the Western world from antiquity to the present. Also examines the influence of public health developments as they relate to the Western world as well as throughout diverse cultures and societies across the globe. Analysis focuses on the interaction among Western and non-Western cultures with respect to health issues, including science, policies, prevention and treatment.	Course w/ Sustainability		
Spring 2016	PHSC412	Undergraduate	Food, Policy, and Public Health	Broad overview of the impact of food and food policy on public health. Course covers topics such as access to food, food systems, influence of food policies on the individual, the cost of food, influences on food selection, food safety risks and responses, nutrition-related health challenges, and a comparison of US food/nutrition issues with those of other nations.	Course w/ Sustainability		
				An exploration of immunology and vaccines through a public health lens. We will examine the cells, systems, and molecules that comprise the human immune system and defend your body against disease. In addition, we will discuss the strategies used during vaccine development including the history and future of vaccination and how increased understanding of the immune system has allowed scientists to improve and refine the process. Finally we will examine the current social and political situation surrounding	Course w/ Sustainability		
Fall 2016	PHSC420	Undergraduate	Vaccines and Immunology	vaccination and the roles and responsibility of public health practitioners. Recent advances in genomic science and biomedical technologies have increased our understanding of the genetic basis of disease and the interplay between genetics and environmental and behavioral factors. This course will provide a solid background in basic genetics and genomic science and highlight the role of public health professionals in translating breakthroughs in this rapidly transforming field into the clinical setting, program planning, and policy. Topics covered will include the molecular basis for genetic variation, fetal and newborn screening, genetic risk factors for cancer, pharmacogenetics, the role of pathogen genomics in outbreak investigation, and applications of genetic engineering in			
Spring 2016	PHSC425	Undergraduate	Genetics, Genomics, and Public Health	solving public health issues.	Course w/ Sustainability		

Term	Course Code	Level	Course Title	Course Description	Course Type		
				The Public Health Science internship will enable students to gain practical experience under	Course w/ Sustainability		
				conditions conducive to academic, research and professional development. The internship is			
				a time-limited supervised period of public health professional experience carried out in a			
Fall 2016	DUSC 401	Undependents	Bublic Health Science Internship	related professional erganization or research setting			
1 811 2010	1130431	Undergraduate	rubic freath science internship	The Public Health Science interaction will enable students to gain practical experience under	Course w/ Sustainability		
				The Public Realth Science Internship will enable students to gain practical experience under	Course w/ Sustainability		
				conditions conducive to academic, research and professional development. The internship is			
				a time-limited, supervised period of public health professional experience carried out in a			
Spring 2016	PHSC491	Undergraduate	Public Health Science Internship	related professional organization or research setting.			
Fall 2016	PHYS105		Physics for Decision Makers: Global Energy Crisis	This marquee course will consider the global energy crisis from a scientific perspective.			
				Topics include basic laws of energy and thermodynamics, their effects on energy production			
				and distribution, greenhouse gas, global warming and policy options for decision makers.			
		Undergraduate		This course is aimed at the non-science major.	Sustainability Course		
		Ū		An overview to the art and science of horticulture. Relationships between plant science and			
				plant production, the use of horticultural plants and plant stress as influenced by cultural			
Spring 2016	PLSC100	Undergraduate	Introduction to Horticulture	practices	Course w/ Sustainability		
5pmg 2010	1 130100	ondergraduate		An evention to the art and science of horticulture. Deletionships between plant science and	course wy sustainability		
				An overview to the art and science of norticulture. Relationships between plant science and			
				plant production, the use of norticultural plants and plant stress as influenced by cultural			
Sum I 2016	PLSC100	Undergraduate	Introduction to Horticulture	practices.	Course w/ Sustainability		
Fall 2016	PLSC115		How Safe is Your Salad? The Microbiological Safety of Fresh produce	As food is produced in larger quantities and made to travel longer distances, keeping our	Course w/ Sustainability		
				food safe in this day and age is an ever growing challenge. This course will focus on the			
				question of what it takes to grow and maintain safe fruits and vegetables, as food travels			
				along the path from the farm to your fork. Food safety of fresh produce will be discussed			
		Undergraduate		from the public health, agricultural, economical and policy perspectives.			
		0		Students will learn about how essential fungi (mushroom, molds, and alikes) are in this	Course w/ Sustainability		
				world and how they affect our daily lives. They will learn how fungi interact with animals	course wy sustainability		
				nlants and other organisms in positive and negative ways. Also, they will study the			
				plants and other organisms in positive and negative ways. Also, they will study the			
				Importance of fungi in biotechnology and food and now they have shaped many societies			
Fall 2016	PLSC120	Undergraduate	Mushrooms and Molds	throughout history.			
				A big question in global food security is "how can we feed 9 billion people in 2050?" This	Course w/ Sustainability		
				course will stimulate creative thinking about possible solutions particularly from the crop			
				production perspective. The instructor will introduce the concept of food security and			
				different dimensions of this complex issue, identify major constraints to food security, and			
				discuss scientific approaches that may be used to meet the grand challenge. Emphasis will			
				be placed on topical and controversial issues such as the impact of biofuel production and			
				GM crops on food security, and novel strategies that can enhance crop protection for			
Fall 2016	PI \$C125	Undergraduate	Feeding Nine Billion by 2050: Food Security and Cron Protection	improving food security, and novel strategies that can emance crop protection for			
10112010	1 130125	under graduate	recardly time billion by 2000. Tood becanty and crop inforced on	The relationship between plant structure and function and how the environment influences	Course w/ Custoinability		
Fall 2016	DI 6C201	the design of the design	Diant Structure and Function	the relationship between plant structure and function and how the environment innuences	Course w/ Sustainability		
Fall 2010	PLSC201	Undergraduate	Plant Structure and Function	changes in the physiology to control nigher plant growth and development are studied.			
				An overview of the history, genetics, and reproductive mechanisms for agronomic and			
				horticultural plants that examines mechanisms of genetic improvement ranging from			
				traditional plant breeding to tissue culture and genetic engineering. Social and political			
				issues such as germplasm preservation and international intellectual property rights will also			
Fall 2016	PLSC203	Undergraduate	Plants, Genes and Biotechnology	be discussed.	Course w/ Sustainability		
Spring 2016	PLSC226		Plant Diversity	Students will learn to identify and understand relationships among major plant families of			
-				northeastern North America, especially of the Mid-Atlantic region, through lecture, field,			
				and laboratory study. Characteristics and biogeography of and evolutionary relationships			
				among families are emphasized in lecture. These characteristics will be woven together to			
				provide understanding of the ecological and evolutionary drivers of plant diversity and the			
				history of the field. Sight identification of families, general and species and knying skills are			
		Indongenation + -		strassed in field and laboratory sessions	Course w/ Sustainability		
		undergraduate		An in death discussion of shemistry targeted to students even lied in sheet on the target	Course w/ Sustainability		
				An in-depth discussion of chemistry targeted to students enrolled in plant and animal			
				management curricula offered in AGNR. Covers the nomenclature and basic functional			
				groups in organic chemistry, secondary plant metabolites, basic tenets of organic agriculture			
				and the creation of genetically-modified plants. The chemistry, handling and usage of			
Spring 2016	PLSC275	Undergraduate	Fundamentals of Agricultural Chemistry	agricultural pesticides is also discussed.	Course w/ Sustainability		
Fall 2016	PLSC289I		Greening Cities: Who Wins, Who Loses, and Who Cares?	"Greening Cities" can have many interpretations: improving or adding urban economic			
				activity, realizing energy efficiency, greening urban transport systems, etc. An important			
				component of livable and sustainable cities and metropolitan ecosystems are the plants and			
				landscapes that are inhabited by plants. With the majority of humans now living in cities, a			
				survey of urban ecosystem principles and an examination of design and planning strategies			
		Undergraduate		for plant and landscape resources in urban and metropolitan regions is critical	Sustainability Course		
		under grauuate		Persoarch projects in Diant Science including field, groenhouse, laboratory, studie and de-	customability course		
Fall 2016	DI 60200	Undersonador A	Cresial Drahlams in Diant Ssiansa	Research projects in Plant Science including rield, greenhouse, laboratory, studio and/or	Course w/ Sustainability		
Fall 2010	PLSC399	undergraduate	Special Problems in Plant Science	norary studies, research is conducted under the direction of a faculty member.	Course w/ Sustainability		
				Research projects in Plant Science including field, greenhouse, laboratory, studio and/or			
Spring 2016	PLSC399	Undergraduate	Special Problems in Plant Science	library studies. Research is conducted under the direction of a faculty member.	Course w/ Sustainability		
				Research projects in Plant Science including field, greenhouse, laboratory, studio and/or			
Sum I 2016	PLSC399	Undergraduate	Special Problems in Plant Science	library studies. Research is conducted under the direction of a faculty member.	Course w/ Sustainability		

Term	Course Code	Level	Course Title	Course Description	Course Type		
				A survey of plant physiology and development responses and adaptation to the			
Spring 2016	PLSC400	Undergraduate	Environmental Plant Physiology	environment.	Course w/ Sustainability		
Fall 2016	PLSC405		Agroecology	How can we balance the multiple, and often competing objectives of sustainable agricultural			
				intensification to promote both agricultural productivity and human wellbeing? The answer			
				to this question requires a transdisciplinary, agroecological perspective. Agroecology is the			
				integrative study of the ecology of the entire food system, encompassing ecological,			
				economic and social dimensions. This course is designed to introduce various topics in			
				agroecology (e.g. organic agriculture, biodiversity, the Farm Bill). We will take an			
				ecosystems approach to the study of agriculture that will enable students to analyze the			
				environmental, social, and economic interconnections within various types of agricultural			
Cardia = 201C	DI CC 405	Undergraduate	A	systems locally and globally.	Sustainability Course		
Spring 2016	PLSC405		Agroecology	How can we balance the multiple, and often competing objectives of sustainable agricultural			
				to this question requires a transdissiplinary agreeselegical perspective. Agreeselegy is the			
				integrative study of the ecology of the entire food system, encompassing ecological			
				economic and social dimensions. This course is designed to introduce various tonics in			
				agroecology (e.g. organic agriculture, biodiversity, the Farm Bill). We will take an			
				ecosystems approach to the study of agriculture that will enable students to analyze the			
				environmental, social, and economic interconnections within various types of agricultural			
		Undergraduate		systems locally and globally.	Sustainability Course		
		0.111100		An introduction to the causal agents, nature and management of plant diseases with			
				particular attention paid to economically important diseases of horticultural and agronomic			
				crops. The course will include an examination of current literature in this field. Faculty for			
				this course completed the Sustainable Teaching Fellows Workshop and revised this course			
Fall 2016	PLSC420	Undergraduate	Principles of Plant Pathology	to include a sustainability-related unit or project.	Course w/ Sustainability		
Spring 2016	PLSC425		Green Roofs and Urban Sustainability	The integration of disciplines associated with sustainability issues. Topics range from plant	Sustainability Course		
		Undergraduate		science to design to policy, all of which can contribute to improving the urban environment.			
Spring 2016	PLSC452		Environmental Horticulture	Environmental horticulture principles used in the establishment and maintenance of plant			
				materials in residential and commercial landscapes will be addressed. The effect of soil			
				conditions, environmental factors, and commercial practices will be discussed in relation to			
				the growth and development of newly-installed plant materials. Field diagnostics will be			
				used by students to assess significant problems of plant decline. Environmental			
				sustainability will be combined with current commercial practices of storm water			
		I have a second sector		management, nutrient management, and irrigation management to achieve an integrated	Sustainability Course		
		Undergraduate		A capiton course based on interactions with plant science professional and student led	Sustainability Course		
				class discussions. Students will apply their knowledge and experience to practical issues in			
				the discipline further develop critical thinking ability, and enhance their communication			
				teamwork, and professional skills. Topics will include nutrient management, integrated pest			
				management, plant interactions with urban and rural ecosystems, planning of public			
Spring 2016	PLSC460	Undergraduate	Application of Knowledge in Plant Sciences	grounds, plant biotechnology, and teaching skills.	Course w/ Sustainability		
Spring 2016	PLSC480	0	Urban Ecology	Cities are rapidly increasing in number and size across the globe, transforming local			
			0,	ecosystems. This course examines urban environments as coupled social-ecological systems			
				at multiple scales, from streets and parks to urban landscapes patterns and global patterns			
				of biodiversity. Ecological principles are applied in the urban context, including habitats,			
				biodiversity, ecological processes, and ecosystem services of urban environments, with			
		Undergraduate		applications to problems in urban land management, decision-making and design.	Sustainability Course		
				Understanding the diverse relationships between plants and their associated microbes is			
				important for crop protection and food security. A comparative analysis of the ecology,			
				physiology and molecular genetics of plant - microbe interactions along with their impact on			
				society and the surrounding ecosystem. Students will learn and gain an understanding of			
				various microbiomes and their impact on plant growth, pathogenic strategies used to			
				overcome plant immune systems and derive nutrients from host plants, the molecular			
				mechanisms used by plants to recognize and respond to invading pathogens, symbiotic			
Spring 2016	DI SCAROW	Undorgraduate	Special Topics in Plant Science: Plant-Microbe Associations	relationships between plants and microbes, prospects of genetic engineering of plants for disease resistance	Course w/ Sustainability		
Fall 2016	PLSC405W	under graduate	Advanced Agroecology	How can we halance the multiple, and often competing objectives of sustainable agricultural			
1 011 2010	1 130003		Auvancea Agroecology	intensification to promote both agricultural productivity and human wellbeing? The answer			
				to this guestion requires a transdisciplinary, agroecological perspective Agroecology is the			
				integrative study of the ecology of the entire food system, encompassing ecological.			
				economic and social dimensions. This course is designed to introduce various topics in			
				agroecology (e.g. organic agriculture, biodiversity, the Farm Bill). We will take an			
				ecosystems approach to the study of agriculture that will enable students to analyze the			
				environmental, social, and economic interconnections within various types of agricultural			
				systems locally and globally. Students will be required to plan and execute group discussions			
		Graduate		and learning activities.	Sustainability Course		

Term	Course Code	Level	Course Title	Course Description	Course Type			
Spring 2016	PLSC605		Advanced Agroecology	How can we balance the multiple, and often competing objectives of sustainable agricultural				
				intensification to promote both agricultural productivity and human wellbeing? The answer				
				to this question requires a transdisciplinary, agroecological perspective. Agroecology is the				
				integrative study of the ecology of the entire food system, encompassing ecological,				
				economic and social dimensions. This course is designed to introduce various topics in				
				agroecology (e.g. organic agriculture, biodiversity, the Farm Bill). We will take an				
				ecosystems approach to the study of agriculture that will enable students to analyze the				
				environmental, social, and economic interconnections within various types of agricultural				
				systems locally and globally. Students will be required to plan and execute group discussions				
		Graduate		and learning activities.	Sustainability Course			
				Growth, productivity and survival are intimately linded to a plant's ability to adjust to its				
				environment. The information provided in this course is designed to provide an introduction				
				interactions between plants and their environment. The overall objective of this course is to				
				understand plant responses and adaptations to the environment and the ecological				
Spring 2016	PI \$C685	Graduate	Advanced Plant Econhysiology	relevance of these responses and adaptations to the environment and the ecological	Course w/ Sustainability			
5pmg 2010	F LJC08J	Graduate	Advanced Flant Ecophysiology	A survey of the biology life snap development socialization personality mental health and	Course w/ Sustainability			
Fall 2016	PSYC336	Undergraduate	Psychology of Women	special issues of women.	course wy sustainability			
		onder graddate		A survey of the biology, life span development, socialization, personality, mental health, and	Course w/ Sustainability			
Spring 2016	PSYC336	Undergraduate	Psychology of Women	special issues of women.	,			
				A survey of the biology, life span development, socialization, personality, mental health, and	Course w/ Sustainability			
Sum I 2016	PSYC336	Undergraduate	Psychology of Women	special issues of women.				
				Reviews the theoretical framework underlying the study of animal behavior. The genetic,	Course w/ Sustainability			
				hormonal and physiological basis of behavior, and the relation to ecological and				
				evolutionary processes will be discussed using examples that range from invertebrate				
Fall 2016	PSYC403	Undergraduate	Animal Behavior	animals to humans.				
Sum I 2016	PSYC650		Culture and Diversity in Mental Health	Review literature regarding the role of culture and diversity in mental health and how				
				culture and diversity are integrated into research and are related to mental health and				
				mental health service utilization. Examine principles and concepts of multicultural and cross-				
				cultural psychology to acquire an increased understanding of diverse underrepresented				
				groups and topics to consider when involved with research and/or clinical work with				
				individuals having diverse backgrounds (e.g., cultures, ethnicities, genders, sexual				
		Graduate		orientations, and socioeconomic status).	Course w/ Sustainability			
				This course is designed to provide undergraduate students an introduction to leadership				
				theory and a chance to practice a core set of practical skills relevant to transformational and				
				field. Eaculty for this course completed the Sustainable Teaching Follows Workshop and				
Fall 2016	PLIAE201	Undergraduate	Leadership for the Common Good	revised this course to include a sustainability-related unit or project	Course w/ Sustainability			
10112010	10/1201	ondergraddate		This course is designed to provide undergraduate students an introduction to leadership	course wy sustainability			
				theory and a chance to provide undergraduate statement an introduction to readership theory and a chance to practice a core set of practical skills relevant to transformational and				
				collaborative leadership. The course will include an examination of current literature in this				
				field. Faculty for this course completed the Sustainable Teaching Fellows Workshop and				
Spring 2016	PUAF201	Undergraduate	Leadership for the Common Good	revised this course to include a sustainability-related unit or project.	Course w/ Sustainability			
		Ū		A team-based, highly interactive and dynamic course that provides an opportunity for				
				students to generate solutions to a wide range of problems facing many communities today.				
				Students in the iGIVE Program will deepen their understanding of entrepreneurship and				
				innovation practices by creating and implementing projects or ventures that address an				
				issue of their choosing while learning topics such as communications, project management,				
Spring 2016	PUAF215	Undergraduate	Innovation and Social Change: Creating Change for Good	teamwork, leadership, fundraising, project sustainability and next steps in social change.	Sustainability Course			
Fall 2016	PUAF301		Sustainability	Designed for students whose academic majors would be enhanced by the complementary				
				study or a widely shared but hard-to-operationalize aspiration: that present choices should				
				preserve or improve future options rather than foreclose or degrade them. How should we				
		the design of the design		understand sustainability? How might we achieve it? How would we know it we had	Sustainability Course			
Coring 2016	DUAE201	Undergraduate	Custoinability	Achieved for students whose academic majors would be enhanced by the complementary	Sustainability Course			
Spring 2016	PUAF501		Sustainability	study of a widely shared but hard-to-operationalize aspiration: that present choices should				
				preserve or improve future options rather than foreclose or degrade them. How should we				
				understand sustainability? How might we achieve it? How would we know if we had				
		Undergraduate		achieved it? And how could sustainability activists of a rising generation lead by example?	Sustainability Course			
				Examines the role of women in the leadership process including the participation of women				
				as activists, voters, advocates, public leaders and as agents of change through various				
				avenues including, among others, public service (elected and appointed), the media,				
Fall 2016	PUAF311	Undergraduate	Women in Leadership	community service, political organizations, and the nonprofit sector.	Course w/ Sustainability			
				Examines the role of women in the leadership process including the participation of women				
				as activists, voters, advocates, public leaders and as agents of change through various				
				avenues including, among others, public service (elected and appointed), the media,				
Spring 2016	PUAF311	Undergraduate	Women in Leadership	community service, political organizations, and the nonprofit sector.	Course w/ Sustainability			

Term	Course Code	Level	Course Title	Course Description	Course Type			
Fall 2016	PUAF650	Graduate	Moral Dimensions of Public Policy	Explores the moral issues involved in public policy questions; the limits and usefulness of decision-making tools; problems of choosing, justifying and using criteria to judge a program's success and suitability; ethichal issues involving the welfare state and income distribution; and possible obligations beyond one's political community and generation. The course will include an examination of current literature in this field. Faculty for this course completed the Sustainable Teaching Fellows Workshop and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability			
				Explores the moral issues involved in public policy questions; the limits and usefulness of decision-making tools; problems of choosing, justifying and using criteria to judge a program's success and suitability; ethichal issues involving the welfare state and income distribution; and possible obligations beyond one's political community and generation. The course will include an examination of current literature in this field. Faculty for this course completed the Sustainable Teaching Fellows Workshop and revised this course to include a				
Spring 2016	PUAF650	Graduate	Moral Dimensions of Public Policy	sustainability-related unit or project. Explores the moral issues involved in public policy questions; the limits and usefulness of decision-making tools; problems of choosing, justifying and using criteria to judge a program's success and suitability; ethichal issues involving the welfare state and income distribution; and possible obligations beyond one's political community and generation. The course will include an examination of current literature in this field. Faculty for this course completed the Sustainable Teaching Fellows Workshop and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability			
Winter 2016	PLIAF688N	Graduate	Tonics in Public Policy	The course will include an examination of current literature in this field. Faculty for this course	s Course w/ Sustainability			
Winter 2010				Concentrates on the institutional and political means by which disadvantaged segments of the United States population have sought to enhance their social, economic and political prospects. Race, gender and disability are the substantive focal points, with considerable attention given to the challanges of African American socio-political uplift. Also explores legislation, litigation, administration, agitation (i.e. protest), and constitutional reform. Students become familiar with alternative conceptions of equality and the modes of	Course w/ Sustainability			
Fall 2016	PUAF737	Graduate	Strategies of Equality	argument employed in different institutional and political contexts.				
Spring 2016	PUAF740	Graduate	Public Policy and the Environment	Surveys of major federal environmental legislation; the development and implementation of laws, and alternative ways of thinking about the relationship between humans and the environment.	Course w/ Sustainability			
				Surveys of major federal environmental legislation; the development and implementation of laws, and alternative ways of thinking about the relationship between humans and the				
Sum I 2016	PUAF740	Graduate	Public Policy and the Environment	environment.	Course w/ Sustainability			
Fall 2016	PUAF741	Graduate	Global Environmental Problems	Suitability of analytic tools for examining global environmental problems, human overpopulation, land abuse, ozone depletion, climate change, acid rain, loss of biological diversity, the scarcity of food, fresh water, energy and nonfuel mineral resources, and health hazards of pollutants toxic metals and radiation.	Sustainability Course			
Fall 2016	PUAF742		Environmental Ethics	Analyzes issues such as the relation between human beings and nature from the perspectives of the science, history, philosophy, and religion. Considers the bases for policies such as environmental regulation, public lands, and international conventions with				
5 11 25 15		Graduate		respect to the environment. Analyzes sustainable development and its conflicting interpretations. The dominant view, as expressed in the World Bank's 1992 World Development Report, is studied, along with some critical responses. Further readings on issues of population, consumption and development	Sustainability Course Course w/ Sustainability			
Fall 2016	PUAF744	Graduate	Environment and Development	indicators.				
Spring 2016	PUAF745	Graduate	Human Health and Environmental Policy	Reviews the major human physiological systems and their integrated toxicological functions; considers key bodily defenses; and discusses classic, emerging, and ambiguous risks; in all ecological context. Applies to scientific controversy, the methods of policy formation, such as risk analysis, social-cost analysis, "outcomes" analysis, and decision analysis, all in political-economic context.	Sustainability Course			
Fall 2016	PUAF770	Graduate	Seminar in Housing and Community Development Strategies	Detailed examination of community and social policy issues relating to the construction and management of affordable housing.	Course w/ Sustainability			
Sum I 2016	PUAF770	Graduate	Seminar in Housing and Community Development Strategies	Detailed examination of community and social policy issues relating to the construction and management of affordable housing.	Course w/ Sustainability			
Spring 2016	PUAF784	Graduate	Disease, Disaster, and Development	Studies development, the process by which needy people in fragile societies become self- sufficient people in resilient societies, in relation to disease and disaster, with particular attention to the developed world's response.	Course w/ Sustainability			

Term	Course Code	level	Course Title	Course Description	Course Type		
Spring 2016	RDEV250	Undergraduate	People, Planet, and Profit: Building Sustainable Places	An introduction to building communities, commonly referred to as real estate development and involving multiple professions and disciplines, including Architecture and Urban Design, Community Planning, Historic Preservation, Landscape Architecture, Civil Engineering, Law, Finance and Accounting, that have to come together to build more sustainable places for the future by emphasizing the quadruple bottom line of: (1) financial viability, (2) environmental sensitivity, (3) social/cultural responsibility and (4) sustainable design. The course will provide students with an understanding of the fundamental principles and processes of these disciplines and examine the intersections between them. Students will learn through field studies, lecture, discussion, presentations and interactions with multiple professionals	Sustainability Course		
Fall 2016	RDEV350	Undergraduate	Sustainable Real Estate Development: Introduction to Principles, Process, and Practice	An introduction to the basic principles of sustainable real estate development: How communities get built and how value is created. The emphasis is on entrepreneurship and innovation, and an experiential learning approach to the entrepreneurial real estate development process, principles, and practice.	Sustainability Course		
				Offered through the Partnership for Action Learning in Sustainability so projects will focus			
5 11 204 6	SmithX MBA	Graduate	The Farming Industry: Profitable Models	on local sustainability issues.	Course w/ Sustainability		
Fall 2016	SUCY220	Undergraduate	Analyzing Controversial Social Issues	Various perspectives on contemporary social issues such as global warming, immigration policy, and inequality are analyzed using a sociological framework. Various methodological approaches will be explored for identifying best strategies resolution and advocacy of these issues.	Sustainability Course		
Fall 2016	SOCY225	Undergraduate	Women's Jobs, Men's Jobs: How and Why Do They Differ?	Relationship between gender roles and the structure of one or more social institutions (e.g., the economy, the family, the political system, religion, education). The incorporation of gender roles into social institutions; perpetuation or transformation of sex roles by social institutions; how changing gender roles affect social institutions.	Course w/ Sustainability		
				The dynamics of inequality: its social production, politics, future, and ideological bases.			
Fall 2016	SOCY241	Undergraduate	Inequality in American Society	Utopian communities, efforts to eliminate inequality.	Course w/ Sustainability		
Spring 2016	SOCV241	Undergraduate	Inequality in American Society	The dynamics of inequality: its social production, politics, future, and ideological bases.	Course w/ Sustainability		
Spring 2016	SOCY305	Undergraduate	Scarcity and Modern Society	Resource depletion and the deterioration of the environment. Relationship to lifestyles, individual consumer choices, cultural values, and institutional failures. Projection of the future course of American society on the basis of the analysis of scarcity, theories of social change, current trends, social movements, government actions, and the futurist literature.	Sustainability Course		
Fall 2016	SOCY325	Undergraduate	The Sociology of Gender	Institutional bases of gender roles and gender inequality, cultural perspectives on gender, gender socialization, feminism, and gender-role change. Emphasis on contemporary American society.	Course w/ Sustainability		
Spring 2016	SOCY325	Undergraduate	The Sociology of Gender	Institutional bases of gender roles and gender inequality, cultural perspectives on gender, gender socialization, feminism, and gender-role change. Emphasis on contemporary American society.	Course w/ Sustainability		
Winter 2016	SOCY325	Undergraduate	The Sociology of Gender	Institutional bases of gender roles and gender inequality, cultural perspectives on gender, gender socialization, feminism, and gender-role change. Emphasis on contemporary American society.	Course w/ Sustainability		
Spring 2016	SOCY467	Undergraduate	Sociology of Education	Sociological analysis of educational institutions and their relation to society: goals and functions, the mechanisms of social control, and the impacts of stratification and social change. Study of the school as a formal organization, and the roles and subcultures of teachers and students.	Course w/ Sustainability		
Sum I 2016	SOCY467	Undergraduate	Sociology of Education	Sociological analysis of educational institutions and their relation to society: goals and functions, the mechanisms of social control, and the impacts of stratification and social change. Study of the school as a formal organization, and the roles and subcultures of teachers and students.	Course w/ Sustainability		
Fall 2016	SOCY627	Graduate	Migration	Examines theories of immigration and immigrant adaptation, empirical patterns of migration and immigration, the economic and social effects of immigration, as well as immigration policy issues.	Sustainability Course		
				Selected problems in the field of population; quantitative and qualitative aspects; American			
Spring 2016	SOCY630	Graduate	Population and Society	and world problems.	Course w/ Sustainability		
Fall 2016	SPHL498F	Undergraduate	Special Topics in Public Health		Course w/ Sustainability		
Spring 2016	SPHL498F	Undergraduate	Special Topics in Public Health Special Topics in Public Health: Public Health in the City: Clobal and	2/2	Course w/ Sustainability		
Spring 2016	SPHL498G	Undergraduate	Domestic Perspectives on the Urban Environment	11/d	Sustainability Course		
Epill 2016	STAT420	Undergroundete	Introduction to Statistical Computing with SAS	Descriptive and inferential statistics. SAS software: numerical and graphical data summaries; merging, sorting and splitting data sets. Least squares, regression, graphics and informal diagnostics, interpreting results. Categorical data, lifetime data, time series. Applications to engineering, life science, business and social science. The course will include an examination of current literature in this field. Faculty for this course completed the Sustainable Teaching Callow Diverse and explicit data summarizes the solution of current literature in the field.	Course of Costsinshilling		
Fall 2010	31A1430	undergraduate	Introduction to statistical computing with SAS	renows workshop and revised this course to include a sustainability-related unit or project.	Course w/ Sustdilidullity		

Term	Course Code	Level	Course Title	Course Description	Course Type		
				Descriptive and inferential statistics. SAS software: numerical and graphical data summaries:			
				merging, sorting and splitting data sets. Least squares, regression, graphics and informal			
				diagnostics, interpreting results, Categorical data, lifetime data, time series, Applications to			
				engineering, life science, business and social science. The course will include an examination			
				of current literature in this field. Faculty for this course completed the Sustainable Teaching			
Spring 2016	STAT430	Undergraduate	Introduction to Statistical Computing with SAS	Fellows Workshop and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability		
		onder gruddate	······································	Descriptive and inferential statistics SAS software: numerical and graphical data summaries:	· · · · · · · · · · · · · · · · · · ·		
				merging sorting and splitting data sets. Least squares regression graphics and informal			
				diagnostics interpreting results Categorical data lifetime data time series. Applications to			
				engineering life science business and social science. The course will include an examination			
				of current literature in this field. Faculty for this course completed the Sustainable Teaching			
Sum I 2016	STAT430	Undergraduate	Introduction to Statistical Computing with SAS	Fellows Workshon and revised this course to include a sustainability-related unit or project	Course w/ Sustainability		
Eall 2016	SW/0A705	Graduate	Community Economic Development	This course is part of the Partnership for Action Learning in Sustainability. Projects and/or up	i Course w/ Sustainability		
Fail 2010	3004703	Graduate	community Economic Development	Provides the expectation for graduate students to become familiar with laboratory methods	Course w/ Sustainability		
				Provides the opportunity for graduate students to become raminal with laboratory methods	Course wy sustainability		
Eall 2016	TOVIEDO	Conducto	Mathads in Tayicalany	used by the start to study the effect of toxins and environmental polititants on living			
Fall 2010	10/1009	Graduate	Received the Classes on Carrier I. Civit Free content and Carriel Change	Systems: Fermission and cleart analged individually.			
Fall 2016	UNIV325		Beyond the classroom Seminar I: Civic Engagement and Social Change	Develops and applies the concept of civic engagement and strategies for enhancing civic			
			In a Global Context	engagement and advancing social justice in different contexts (global to local; multi-			
				cultural). Develop students' leadership capacities and skills for fostering civil discourse and			
				effective professional practices in the honprofit and civil society sector. Students identify			
				the key civic values, attitudes and expectations that motivate them personally as well as			
				others to engage in civic action and leadership. Students prepare professional portfolios in			
		Undergraduate		preparation of a semester-long internship.	Sustainability Course		
Spring 2016	UNIV325		Beyond the Classroom Seminar I: Civic Engagement and Social Change	Develops and applies the concept of civic engagement and strategies for enhancing civic			
			in a Global Context	engagement and advancing social justice in different contexts (global to local; multi-			
				cultural). Develop students' leadership capacities and skills for fostering civil discourse and			
				effective professional practices in the nonprofit and civil society sector. Students identify			
				the key civic values, attitudes and expectations that motivate them personally as well as			
				others to engage in civic action and leadership. Students prepare professional portfolios in			
		Undergraduate		preparation of a semester-long internship.	Sustainability Course		
Fall 2016	URSP250		The Sustainable City: Exploring Opportunities and Challenges	An exploration, through an interdisciplinary approach, of a number of issues related to			
				making cities more sustainable in terms of environmental protection, economic			
				opportunity, and social justice. The course assist students to develop skills in critical analysis			
				and systems thinking and to use those skills in analyzing sustainability related problems and			
				potential solutions, and to expand students' understanding of the political implications of			
		Undergraduate		crafting and moving towards a sustainable urban future.	Sustainability Course		
		0		Offered through the Partnership for Action Learning in Sustainability so research will focus			
Fall 2016	URSP601	Graduate	Research Methods	on local sustainability issues.	Course w/ Sustainability		
				The interrelationship between transportation and land use. What are the impacts of various			
				transportation modes on land use patterns, and how can land use solutions influence travel			
				demand. The integration of transportation into master planning and site impact analysis.			
Spring 2016	URSP631	Graduate	Transportation and Land Use	Using quantitative methods to understand the land use and transportation linkage.	Course w/ Sustainability		
Spring 2016	URSP661		City and Regional Economic Development Planning	Spatial patterns of employment and populations, and models of urban and regional growth	,		
				and decline. Focus on application of economic theory and urban planning techniques to			
		Graduate		issues of local economic development and planning	Course w/ Sustainability		
				Planning programs and policies in health education and social welfare. Strategies for	,		
Spring 2016	URSP673	Graduate	Social Planning	organizational and community change and development	Course w/ Sustainability		
Fall 2016	URSP688I	Graduate	Recent Developments in Urban Studies	no description provided	Course w/ Sustainability		
Sum I 2016	LIRSP688I	Graduate	Recent Developments in Urban Studies	no description provided	Course w/ Sustainability		
Juni 1 2010	JNJF UOOL	of autale	Recent Developments in orban studies	Intensive analysis and report-preparation of work completed in LIDSD 705 Hold in College	course wy sustainability		
Sum   2016		Craduata	Summer Community Planning Studio II	Park Students seeking to meet the LIPSD studio requirement must also take LIPSD 705	Course w/ Sustainability		
Juni 1 2010		Graduate	Jadanandant Study in Likhan Studio and Dispatian	Dispeted recepted and study of colored expects of other official	Course w/ Sustainability		
rail 2016	UK5P788	Graduate	Independent Study in Orban Studies and Planning	Directed research and study of selected aspects of urban affairs.	Course W/ Sustainability		
Spring 2016	UKSP788	Graduate	independent Study in Urban Studies and Planning	Directed research and study of selected aspects of urban affairs.	Course w/ Sustainability		
Sum I 2016	UKSP788	Graduate	Independent Study in Urban Studies and Planning	Directed research and study of selected aspects of urban affairs.	Course w/ Sustainability		
Winter 2016	URSP788	Graduate	Independent Study in Urban Studies and Planning	Directed research and study of selected aspects of urban affairs.	Course w/ Sustainability		
Fall 2016	URSP798	Graduate	Readings in Urban Studies and Planning	Directed readings in selected aspects of urban affairs and planning.	Course w/ Sustainability		
Spring 2016	URSP798	Graduate	Readings in Urban Studies and Planning	Directed readings in selected aspects of urban affairs and planning.	Course w/ Sustainability		
Sum I 2016	URSP798	Graduate	Readings in Urban Studies and Planning	Directed readings in selected aspects of urban affairs and planning.	Course w/ Sustainability		
Fall 2016	URSP810		Contemporary Metropolitan Issues	Introduces Ph.D. students to current metropolitan issues. Focus is on the historical	Sustainability Course		
				development of the issue, problem definition, methodological approaches to its study,			
				methodological dilemmas, and the ways that different conclusions are translated into			
				policy. Topics vary from semester to semester but include such topics as the spatial			
				mismatch hpothesis, the impact of urban design and form on travel behavior, the impact of			
				technology on urban form, the justification for historic preservation, and sustainable			
		Graduate		development.			

Term	Course Code	Level	Course Title	Course Description	Course Type			
Fall 2016	USLT201	Undergraduate	U.S. Latina/o Studies I: An Historical Overview to the 1960's	Interdisciplinary course focusing on demographics, terminology and social constructs of race, class, ethnicity, indigeneity, gender, and sexuality associated with the historical and political roots of US Latinidades. Examines the formation, evolution an adaptation of US Latina/o communities as critical field of inquiry.	Course w/ Sustainability			
Fall 2016	VMSC700	Graduate	Animal Health Policy and Communication	An introduction to animal health policy with emphasis on understanding how science and politics interact and influence animal health policy and how veterinarians and animal scientists can effectively communicate science to non-scientists such as legislators and policymakers.	Course w/ Sustainability			
Spring 2016	VMSC720	Graduate	Viral Pathogenesis	This course will teach graduate students about mechanisms of infections by animal and human viral pathogens, including virus-cell interactions, host responses, and consequences of virus infection. Particular attention will be focused on the molecular mechanisms of the interactions between virus and host.	Course w/ Sustainability			
Fall 2016	VMSC780	Graduate	Parasites of Medical and Veterinary Importance	Provides students with the basic knowledge of parasites as well as research advancement in important parasites of humans and animals. Particular attention will be given to parasite biology, pathogenesis, and host responses to parasitic infection. A selection of parasites of medical and veterinary importance will be specifically covered with emphasis on recent research breakthroughs in the field.	Course w/ Sustainability			
Spring 2016	VMSC780	Graduate	Parasites of Medical and Veterinary Importance	Provides students with the basic knowledge of parasites as well as research advancement in important parasites of humans and animals. Particular attention will be given to parasite biology, pathogenesis, and host responses to parasitic infection. A selection of parasites of medical and veterinary importance will be specifically covered with emphasis on recent research breakthroughs in the field.	Course w/ Sustainability			
Fall 2016	WMST325	Undergraduate	The Sociology of Gender	Institutional bases of gender roles and gender inequality, cultural perspectives on gender, gender socialization, feminism, and gender-role change. Emphasis on contemporary American society.	Course w/ Sustainability			
Spring 2016	WMST325	Undergraduate	The Sociology of Gender	Institutional bases of gender roles and gender inequality, cultural perspectives on gender, gender socialization, feminism, and gender-role change. Emphasis on contemporary American society.	Course w/ Sustainability			
Fall 2016	WMST336	Undergraduate	Psychology of Women	A study of the biology, life span development, socialization, personality, mental health, and special issues of women.	Course w/ Sustainability			
Spring 2016	WMST336	Undergraduate	Psychology of Women	A study of the biology, life span development, socialization, personality, mental health, and special issues of women.	Course w/ Sustainability			
Fall 2016	WMST452	Undergraduate	Women in the Media	Participation and portrayal of women in the mass media from colonial to contemporary times. The course will include an examination of current literature in this field. Faculty for this course completed the Sustainable Teaching Fellows Workshop and revised this course to include a sustainability-related unit or project.	Course w/ Sustainability			
Spring 2016	WMST452	Undergraduate	Women in the Media	Participation and portrayal of women in the mass media from colonial to contemporary times.	Course w/ Sustainability			
Spring 2016	WMST498I	Undergraduate	Advanced Special Topics in Women's Studies	The course will include an examination of current literature in this field. Faculty for this course	s Course w/ Sustainability			