

Academic Units	Departments	Sustainability Course?	Course Name	Course Description
Arrupe College		Yes	ACISC 101 - Interdisciplinary Science: Scientific Basis of Environmental Issues	The foundational course in science is predicated on the view that understanding environmental issues and their underlying scientific principles will occupy a central role in our students' lives and will be critical in their development as informed and participating members of society. The overarching strategy of the course will be to frame environmental science in terms of a series of interacting systems to allow students to analyze a variety of
Quinlan School of Business		Yes	SCMG 4808 - Operations Management	This course explores concepts and methods for managing operations, including forecasting, capacity and aggregate planning, sustainable management, material requirements planning, scheduling, project planning, logistics, supply chain transparency, and supplier diversity. Outcomes: Students will understand the basic issues and role of operations management in organizations and learn tools for problem-solving in operations management.
School of Continuing and Professional Studies		Yes	PSLD 432 - Gender Diversity & Sustainable Social Development	This course uses the UNWomen's approach to gender diversity and sustainable development to encompass the issues that hinder and those that contribute to the progress of women and gender diversity within sustainable development. The course reviews the environmental, social, and economic relevance and impact on gender. The specific topics will include, the intersectionality of gender and sustainability in the context of agriculture, forestry, water, health, investment and corporate social responsibility and each topic will highlight a specific region or nation. The course will provide an overview of the underlying intersectionalities of class, age, region within Asia, Latin America, and Africa.
School of Education		Yes	ELPS 458 International Education	This Advanced Seminar, which is both theoretical and applied, introduces students to issues and institutions involved in international educational development. This course will provide students with a deep understanding of the changing role of educational development projects in light of the post-2015 development agenda, post-financial crisis and global recession, post-Ebola epidemic, and post-Arab Spring periods. Students will spend time exploring and understanding how these many `post-contexts and settings; are changing the nature of development and the educational responses that are now coordinated across different scales and spaces (national, regional, and global levels). With the aid of class readings and paying particular attention to endogenous and exogenous challenges that Africa and the Middle East confront, discussions will be framed through a comparative and international educational perspective that exposes students to how different theories of education and development influence policy, priorities, and programs of international, national, and local institutions in these regions.
School of Environmental Sustainability		Yes	ENVS 283 - Environmental Sustainability	Examines the impact of humans as consumers on the environment and how these interactions affect the probability of establishing sustainability for human and non-humans on Earth.
School of Communications		Yes	COMM 479 - Digital Sustainability	Digital Sustainability explores the environmental impact of digital media. Mining precious metals to manufacture devices, burning fossil fuels to run data centers, global black market trading of e-waste are points where the digital world meets the physical world. Students will explore digital sustainability problems, and work toward creative solutions.
Parkinson School of Health Sciences and Public Health		Yes	HSPH 210 - Introduction to Global Health	This course examines major global health challenges, programs and policies through a lens of access and quality. Factors influencing the presence of health inequities around the world are explored. Key areas of study include cultural and political context, epidemiological considerations, health status and healthcare delivery systems of various countries.
Stritch School of Medicine		Yes	CCGH 250 - Climate Change and Human Health	This elective will involve an hourly once-weekly meeting to either a) listen to an expert in the field lecture on a specific climate-related health topic, or b) gather to discuss current medical and scientific literature detailing the effects of climate change on various aspects of human health. For these discussion sessions, students will be assigned one week of the semester to informally present a relevant or recent journal article relating to climate change and health.
School of Social Work		Yes	SOWK 361 - Special Topics - Practice in a Global and Cross Cultural Context	The course provides an introduction to human rights-oriented peace-building via social work practice in an international context, focusing on anti-oppressive practices around the world that use participatory and human rights-based approaches. Problems addressed include trauma treatment, environmental justice, preventing terrorism and genocide, global health, and advocating for human rights of persons with disabilities. The class occurs via Zoom video-conferencing in partnership with a classroom of students from around the world in Eastern Europe, making it possible for students to develop cross-cultural awareness, carry out projects together, and learn about other countries through personal dialogue.
School of Nursing		Yes	GNUR 207 - Concepts of Professional Nursing Practice	This course explores nursing concepts for professional nursing practice in the care of individuals, families, communities, and populations, along the health-illness continuum. Content includes client and family- centered care, client teaching, levels of prevention, the determinants of health and illness, and the principles of population- focused and culturally sensitive care. Students are introduced to the historical and political influences of the current US health care delivery system with an emphasis on the issues of health care access, health care disparities, social determinants of health, biases in the healthcare setting, and health literacy among culturally diverse and vulnerable populations. Outcomes: 1) Describe the role of the professional nurse in health promotion and risk reduction for individuals, families, communities, and populations, with an emphasis on the impact of values, lifestyle, and cultural influences; 2) Understand the cultural basis for health beliefs and practices for individuals, families, communities, and populations; 3) Understand the epidemiological model for diseases, including the levels of prevention and population-based approaches; 4) Explain the structure and function of the US health care delivery system and the impact of these factors on access, quality, and cost of health care; 5) Understand the health goals for the nation identified by Healthy People initiative.
School of Law		Yes	PLAW 101 - Rule of Law Assessments	This course will provide students with the knowledge and skills required to undertake assessments, the crucial lynchpin which supports the design of specific policies, legal and regulatory reforms and administrative actions. The course demonstrates how developing a clear understanding of problems facing a society is fundamental to good governance and the rule of law. The course assumes that such understanding can be facilitated through professionally prepared assessments which identify the root causes of problems facing a country in a given area and put forward options for remedial action. Students will learn how to use the rich body of documented experience and guidance available on structuring and preparing assessments by learning how to plan and carry out assessments linked, for instance, to justice sector reform, access to justice, the improvement of the legal framework for investment and sustainable business and the control of human trafficking.
College of Arts and Sciences	Anthropology	Yes	ANTH 360 - Issues in Archaeology	Specific theoretical, methodological, and research problems in archaeology with focus on current research in the discipline. Topics include but are not restricted to: environmental archaeology; ethnoarchaeology and experimental archaeology; the study of prehistoric craft specialization, trade, demography, and urbanism.

College of Arts and Sciences	Biology	Yes	BIOL 265 - Ecology	Relationships of organisms to their environment and to each other at the organism, population, community, and ecosystem levels.
College of Arts and Sciences	Chemistry & Biochemistry	Yes	CHEM 280 - Chemical Analysis	Lecture and discussion course designed to create foundational knowledge and proficiency in essential chemistry concepts and skills. Topics include the chemical analytical process, sample preparation, quantitative analysis, and data evaluation and validation. These topics will expand and enhance the ability to use chemical principles to analyze various types of environmental samples.
College of Arts and Sciences	Computer Science	Yes	COMP 469 - Physical Design and Fabrication	This course explores how things are made, including: physical design vs. design on non-physical things; rapid prototyping; 3D printing; 2D conceptualization and sketching; modeling.
College of Arts and Sciences	Classical Studies	Yes	CLST 328 - Pompeii and Herculaneum	The two best known Roman towns - Pompeii and Herculaneum - whose remains were preserved by the eruption of Mt. Vesuvius in 79 CE - will serve as a microcosm for understanding Roman society. Outcome: Students will gain an understanding of how recent archaeological discoveries have changed our view of Pompeii and Herculaneum and learn to "read" such things as dining and bathing rituals, gladiator games, and public and private architecture to gain insight into the structures of Roman social and cultural life.
College of Arts and Sciences	Criminal Justice and Criminology	Yes	CJC 410 Advanced Topics in Criminology	Variable topics on theories or contemporary issues concerning criminal and victim behavior. Examples of topics include: Drugs and Violence; Gender and Crime; Intimate Partner Violence; Sexual Violence; Human Trafficking; Environmental Crime; Victimology; International Criminology; Advanced Criminology; Race, Ethnicity, and Crime.
College of Arts and Sciences	Engineering	Yes	ENGN 361 - Fundamentals of Environmental Engineering Lab	This laboratory course introduces students to the analytical techniques such as mass spectrometry and titration, relevant to environmental engineering practice. This course emphasizes the design of field sampling campaigns of water and soil environments and the statistical data analysis of experimentally estimated water and soil parameters.
College of Arts and Sciences	English	Yes	ENGL 288 - Nature in Literature	This course focuses on the relationship of human beings and the environment in which they function, as represented in a variety of literary works.
College of Arts and Sciences	Fine & Performing Arts	Yes	FNAR 202 - Global Art History: Modern Art	A comprehensive survey of major artistic movements from a global perspective, engaging key concepts, issues, and modes of production in the modern world. It examines evolving ideas about the forms, content, techniques, and functions of art from the late 18th century to today considered within its socio-political and historical context.
College of Arts and Sciences	History	Yes	HIST 297 - North American Environmental History	This course surveys the environment and environmentalism in United States history, from the transformation of New England into a farm ecology, the expansion of the cotton South, the settlement of the West, to the rise of industrial cities, suburban sprawl, and the globalization of the economy.
College of Arts and Sciences	Mathematics & Statistics	Yes	STAT 408 - Applied Regression Analysis	This course provides students with a thorough introduction to applied regression methodology. The concept of simple linear regression will be reviewed and discussed using matrices, and multiple linear regression, transformations, diagnostics, polynomial regression, indicator variables, model building and multicollinearity will be discussed, as will be nonlinear and generalized linear regression. The course will focus on applications such as those from biometry and biostatistics (clinical trials, HIV studies, etc.), sports, engineering, agriculture and environmental science.
College of Arts and Sciences	Modern Languages & Literatures	Yes	FREN 103 Intermediate French I	Course continues to work on focus on pronunciation, grammar. and developing conversational and writing fluency. Students will read excerpts of French and francophone media or literature. Topics include the environment and the many francophone cultures and tasks include narrating in more complex past, future and hypothetical contexts.
College of Arts and Sciences	Philosophy	Yes	PHIL 287 - Environmental Ethics	Outcomes: Students will demonstrate an understanding of diverse ethical theories and an ability to use philosophical reasoning to defend positions in topics covered.
College of Arts and Sciences	Physics	Yes	PHYS 473 Energy and Sustainability	A course that investigates the role of energy in physical systems such as thermosphere and also various sources of energy.
College of Arts and Sciences	Political Science	Yes	PLSC 102 - International Relations in the Age of Globalization	Competing perspectives on international politics and global issues such as North-South relations, human rights, war and peace, population growth, and environmentalism. Outcomes: Students will be able to demonstrate an understanding of the main approaches to the study of international politics and to analyze and assess such major substantive issues as interstate war, terrorism, arms control, international political economy and sustainable development.
College of Arts and Sciences	Psychology	Yes	PSYC 277 - Environmental Psychology	Human behavior is at the root of environmental degradation. This course examines how psychological processes influence behaviors that help or hurt the environment and how psychology can promote conservation. The course identifies theory-based interventions and evaluates their effectiveness. Class activities allow students to practice applying psychology to promote environmental sustainability.
College of Arts and Sciences	Sociology	Yes	SOCL 520 - Contemporary Society	From sacrifice zones to sustainable cities, this graduate course examines environmental inequality and its consequences through social theory, empirical studies, and policies from cities across the Global North & Global South. Students will also have the opportunity to practice conducting sociological research on environmental topics.
College of Arts and Sciences	Theology	Yes	THEO 190 - Loyola's Mission: THEO	The course introduces students to LUC's mission through theological reflection on the main themes of the Transformative Education mission-statement: spirituality and faith, interlinked human knowing, moral compass, civic and environmental responsibility.
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