

**Inventory of Sustainability-Focused and Sustainability-Related Courses
West Chester University of Pennsylvania
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WCUPA Office of Sustainability

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This is the Spring 2022 inventory of courses taught at WCU that are either sustainability-focused or sustainability inclusive. A survey was distributed to all university faculty members in the Fall 2021 semester asking them to identify and describe courses they taught during the Fall 2020 semester and the Spring and Summer semesters of 2021 that fell under the definitions provided for sustainability-focused or sustainability-inclusive.

For the purposes of this inventory, instructors identified their courses as **sustainability-focused** or **sustainability inclusive** using the definitions below:

- A **sustainability-focused course** is one in which the main goals and objectives include environmental, social or economic sustainability.
- A **sustainability-inclusive course** is one in which environmental, social or economic sustainability is addressed, but not included in the main goals and objectives of the course.

Many courses that are sustainability-focused or sustainability-inclusive address one or more of the 17 UN Sustainable Development Goals identified in the introduction to this survey:

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| 1. No Poverty | 7. Affordable and Clean Energy |
| 2. Zero Hunger | 8. Decent Work and Economic Growth |
| 3. Good Health and Well-being | 9. Industry, Innovation, and Infrastructure |
| 4. Quality Education | 10. Reducing Inequality |
| 5. Gender Equality | 11. Sustainable Cities and Communities |
| 6. Clean Water and Sanitation | 12. Responsible Consumption and Production |

With responses from over 300 faculty members to the campus-wide survey, we can document the total courses, the level of those courses, and total academic departments for both sustainability-focused and sustainability-inclusive:

STARS Academic Course Inventory



Summary

Total number of undergraduate courses offered by the institution	1520
Number of undergraduate courses offered that are sustainability-focused	70
Number of undergraduate courses offered that are sustainability-inclusive	238
Total number of graduate courses offered by the institution	788
Number of graduate courses offered that are sustainability-focused	20
Number of graduate courses offered that are sustainability-inclusive	72
Percentage of courses offered that are sustainability-focused or sustainability-inclusive	17.33
Total number of academic departments that offer courses	52
Number of academic departments with sustainability course offerings	42
Percentage of academic departments that have sustainability course offerings	80.77

List of Sustainability Focused Courses:				
Course Number	Course Name	Department	Level	Course Description
ANT/NTD277	Sustainable Food Systems	Anthropology and Sociology	UG	NTD277- This is an I-Designated Course that also is the core course for the Sustainability track for Nutrition majors, as well as in the Sustainability General Education track. It is listed as an "I" course and is one of only a few courses co-taught by faculty from two different colleges (Anthropology and Sociology ; Nutrition). It examines the ways in which environmental, economic and social sustainability is implicated in foodways from an interdisciplinary perspective.
ANT375	Ethnographic Field School	Anthropology and Sociology	UG	ANT375- This is an anthropological field school in which students gain in-depth, hands-on training and experience in conducting qualitative ethnographic research at a fieldsite and is intended to provide students with instruction in multiple ethnographic methods and procedures as they design and carry out their own research project. In the course of their research, students will familiarize themselves with relevant social theories and will be given an intensive and interactive look at the culture and history of the people at their research site.
ART450	Internship- Pigment/ Dye Garden	Art + Design	UG	ART450- The internship provides the student with professional work experience in an area related to their major. In particular, for this internship, students will integrate classroom study, historical research and lab work with specific planned periods of learning through on site experience in association with the campus Pigment + Dye Garden. Student research consists of origins of natural color, slow fashion processes, dye extraction techniques, seed- saving techniques and botanical illustration. Students required to also maintain the garden; these tasks are shaped by the season.

BIO414	Industrial Microbiology	Biology	UG	BIO414- Traces the historical and current applications of microbiology in industry throughout society. Topics covered include microbiological safety, process and equipment design, fermentation, waste treatment and composting, pharmaceuticals, probiotics and bioprospecting, bioenergy and sustainable food production. Upon completion, students will have a solid understanding of the many important role's microorganisms play in modern society.
BIO415	Tropical Ecology and Conservation (Biology)	Biology	UG	BIO415- This course will explore the ecology of the many biomes that comprise the tropics, including tropical wet, dry, and cloud forests, savannas, grasslands, and deserts. We will also study the ecology of tropical oceans and freshwater systems. Our study of tropical ecology will focus on interactions between biotic (ecosystem structure, plants, animals) and abiotic (climate, soils, nutrient cycling) ecosystem features. Students will become familiar with a suite of contemporary conservation approaches used in tropical regions. Throughout the course we will draw on multiple fields of study including landscape, ecosystem, wildlife, and community ecology to enhance our understanding of tropical ecology and conservation.
BIO464	Microbial Physiology	Biology	UG	BIO464- In the Biology Dept provides students with a comprehensive understanding of the biochemical process and microbial structures that functionally enable microbes to survive a diversity of niches. Laboratory activities are arranged to complement and reinforce the material presented in lecture and develop student communication skills. Labs impart the skills and, on your feet, thinking needed to work with a variety of different physiological groups (ex. phototrophs, anaerobes and electrogens).

SCB102	Humans & the Environment	Biology	UG	SCB102- This is an approved General Education Interdisciplinary (I) course and Sustainability Pathway course in which we will examine interactions between humans and the environment. We will explore subjects including human population growth, environmental history, human-induced environmental changes, and prospects for the future. Throughout the course we will incorporate the viewpoints of multiple disciplines to develop a well-informed perspective of globally relevant environmental issues. Additionally, this course will cover current local and global environmental stewardship efforts to explore the ways in which humans can have a positive effect on the environment.
COM398	Organizing & Sustainability	Communication Studies	UG	COM398- Have you ever heard the slogan: "Go Green"? Or maybe you have recently noticed organizations adopting sustainability and resilience initiatives. In this course, we learn how to bring together concepts from organizational communication and sustainability/transition studies. You will examine how humans organize sustainably by looking at case studies and conducting a small team-based community project.
CSD266	Seminar III in Communicative Disorders	Communication Sciences and Disorders	U	CSD266- The seminar is designed to help integrate experiential and theoretical information. The seminar will focus on implications of disabilities and on cultural diversity.
CRJ455	Topical Seminar in Criminal Justice	Criminal Justice	UG	CRJ455- An undergraduate course addressing the myriad ethical issues faced by criminal justice professionals. We examine ethical dilemmas faced by law enforcement officers, prosecutors, judges, defense attorneys, probation/parole officers, etc. In this course we also address the reasons criminal justice professionals sometimes act unethically and then develop what we hope are effective ways to elevate ethical behavior in the workforce.
CRJ560	Applied Legal Studies	Criminal Justice	G	CRJ560- A graduate course focussed on wrongful convictions. We examine the causes of wrongful convictions; the human, societal, environmental and psychological influences leading to

				wrongful convictions; professional ethics and how to reduce these injustices.
EDE532	Curriculum and Pedagogy Theory Into Practice	Early and Middle Grades Education	G	EDE532- A more theoretical and historical look at the social implications of curriculum and pedagogy in the US. includes many issues related to quality teaching and equity issues with a bit of environmental sustainability content
EGP410/411	Student Teaching	Early and Middle Grades Education	UG	EGP410/411- Includes many issues related to quality teaching and equity issues.
P411-13	Student Teaching	Early and Middle Grades Education	UG	P411-13- I taught student teaching seminar in the Fall of 2021. Syllabus included may topics for inclusion and equality as well as different forms of instruction and quality education for all students.
ESS435/535	Remote Sensing	Earth & Space Sciences	UG/G	ESS 435/535- An introduction to the science and technology of remote sensing and the applications of remote sensing data to geology, oceanography, meteorology, and the environment. Includes a discussion of the history and principles of remote sensing; fundamentals of electromagnetic radiation; theory and types of active and passive remote sensing systems; fundamentals of image interpretation; digital analysis of LANDSAT and AVHRR data; operation of environmental satellites; and future imaging systems. Students complete a research project (paper and presentation) often on an environmental theme. Textbook: Fundamentals of Remote Sensing: An Environmental Approach (Chiuveco).
ESS535	Remote Sensing	Earth & Space Sciences	G	ESS535- An introduction to the science and technology of remote sensing and the applications of remote sensing data to geology, oceanography, meteorology, and the environment. Includes a discussion of the history and principles of remote sensing; fundamentals of electromagnetic radiation; theory and types of active and passive remote sensing systems; fundamentals of image interpretation; digital analysis of LANDSAT and AVHRR data; operation of

				environmental satellites; and future imaging systems.
ECO111	Principles Of Economics (Macro)	Economics and Finance	UG	ECO111- In this course, we focus on understanding how the economy as a whole functions, establishing the difference between long-term economic growth and short-run economic fluctuations due to the business cycle (and understanding the causes/underlying mechanics of each), the benefits of trade and the mechanisms that create those benefits, understanding in detail the three key macroeconomic indicators (GDP, unemployment, and prices/inflation), understanding how to use those three key macroeconomic indicators to assess the economy's overall economic health, and how to use (and critique) macroeconomic policy as a means to alleviate both short-run and long-run problems faced by the economy at large. The course largely focuses on economic sustainability, though many topics also touch on environmental and (especially) social sustainability.
ECO385	Environmental & Resource Economics	Economics and Finance	UG	ECO385- The role of the environment in an economic system. Topics include energy economics, the economics of renewable and nonrenewable resources, and the economics of pollution.
EDO420/520	Outdoor and Place-Based Education	Educational Foundations and Policy Studies	G/UG	EDO520- School and organization-based applications of outdoor and place-based education, with emphases on experiential and authentic learning.
EDO500	Environmental & Sustainability Education	Educational Foundations and Policy Studies	G	EDO500- Advanced overview of the development of environmental and sustainability education with emphasis on theoretical perspectives and professional applications.
EDU560	Urban Education for Sustainability	Educational Foundations and Policy Studies	G	EDU560- The course is designed to engage the student in an exploration of how environmental and sustainability education can contribute to urban sustainability. The focus is on

				perspectives and practices that foster individual and community well-being in urban contexts.
HON314	Science, Technology and Environmental Systems	Educational Foundations and Policy Studies	U	HON314- Impact of technology and the environment as forces of influence on communities. The lab course will combine a historical overview with a contemporary focus on ways the science community is developing and regulating ideas for the future. Laboratory field experiences will involve data collection and observation in a variety of environmental contexts.
ENG400	Research Seminars/Sustainability Research Writing	English	UG	ENG400- Students had to complete sustainability action challenges (going to as sustainability-related community meeting, analyzing clothing in their closets, cooking a local food) plus doing research papers on articles and one literary works.
ENG400	Research Seminars/Environmentalism in English Studies: History, Language, Change	English	UG	ENG400- Environmentalism in English Studies: History, Language, Change) - This seminar looks at how nature and environmental problems have been constructed in (mainly) Anglo-American writing. By examining a range of types of texts, students consider questions related to ecocriticism, investigate sustainability, perform research related to the intersections of language, literature, science, and culture, and create texts that address environmental questions. They also complete and reflect on a series of sustainability action challenges.
RUX110	Intro To Urban Community Change	English	UG	RUX 110- General Education course that fulfills a Humanities distributive requirement, a core course in the interdisciplinary Urban Community Change (RUX) major, and an elective in the Youth Empowerment and Urban Studies (YES) minor. It is a cross-disciplinary exploration of the idea that Freire, a famous educator and organizer from Brazil, posited: that people critically understanding the world and how to act in and for themselves on the world is an essential quality of humanity. How is community change part of what makes us human, in both "the word and the world" as Freire, in other writing, puts it?

WRT220	Sustainability Research Writing	English	UG	WRT220 - Students do research writing projects on sustainability topics. For example, group video presentations on a topic (oceans, EJ, climate change) and then follow up with an individual research paper related to one of those topics and a research-based action/persuasive piece.
WRT220	Research Writing - Sustainability Special Topics	English	UG	WRT220- This class uses the theme of sustainability in order to develop students' abilities as research writers.
WRT220	Critical Writing: Special Topics/Sustainability and The Sixth Extinction	English	UG	WRT220 - Critical Writing: Special Topics/Sustainability and the Sixth Extinction
EDF588	Critical Pedagogy	Educational Foundations and Policy Studies	G	EDF588- Critical pedagogy, theory and practice.
GEO101	World Geography	Geography and Planning	UG	GEO101- An exploration of sustainable development in world regions; framework for the course is the 17 Sustainable Development Goals
GEO101	World Geography	Geography and Planning	UG	GEO101- This is an introductory course in geography. After completing this course, students will be able to understand the basic principles of geography and apply those principles to the study of world regions. In particular, this course emphasizes the human and environmental characteristics that make the world regions distinctive and how we can possibly make the world regions more sustainable. Each of the SDGs is introduced in a module (by a world region) that matches the SDG thematically (e.g., Module 6. Sub-Saharan Africa's SDG theme is "Eradication of Poverty and Hunger (SDG #1)."
GEO205	Geography of Agriculture, Food and Sustainability	Geography and Planning	UG	GEO205- An inquiry into the problems of resource protection, management and sustainability. Emphasis is placed on the United States.
GEO230	Environmental Conservation and Sustainability	Geography and Planning	UG	GEP230- An inquiry into the problems of resources protection, management and sustainability. Emphasis is placed on the United States. Gen Ed Attribute: Behavioral and Social Science Distributive.

GEO310	Population Geography	Geography and Planning	UG	GEO310- An introduction to theories, concepts, processes and geographical patterns of human population.
GEO332	Environmental Crises	Geography and Planning	UG	GEO332- The nature and dimensions of environmental problems with an emphasis on endangered life-support systems. Aspects of natural and social environment systems and their mutual interrelationships.
GEO334	Sustainable Living	Geography and Planning	UG	GEO334- An exploration of living a more sustainable lifestyle professionally and personally
GEO536	Environmental Planning	Geography and Planning	G	GEO536- Application of principles in environmental conservation, environmental restoration, sustainable development, and environmental justice to the planning and management of communities and landscapes
PLN336	Environmental Planning	Geography and Planning	UG	PLN336- Application of principles in environmental conservation, environmental restoration, sustainable development, and environmental justice to the planning and management of communities and landscapes
ESS102	Humans And the Environment	Earth & Space Sciences	UG	ESS102- The study of the ability of humans to survive and maintain their life quality, considering the limited resources and recycling capacity of planet Earth. COURSE GOAL: To better understand how humans, good or bad, interact with the environment from a local, regional, and global perspective.
SWG542	Specialized Social Work Practice with Communities	Social Work - Graduate	G	SWG542- Develops skills in community practice, including community intervention planning, community capacity building, and advocacy campaign development. It builds on knowledge of community contexts, public policies, and social service organizations to provide social workers with skills needed to identify and develop solutions for complex social problems. Special attention is given to the values, ethics, and roles of the social work profession in the evolution of selected human service programs designed to achieve social and economic justice.
SWG590	Seminar in Social Work	Social Work - Graduate	G	SWG590- In-depth topics in social work offered to complement the program's concentration and not offered in required courses.

SWG590	Human Rights in Philadelphia	Social Work - Graduate	G	SWG590- In-depth topics in social work offered to complement the program's concentration and not offered in required courses.
ENV102	Humans & The Environment	Health	UG	ENV102- Draws upon the three disciplines of environmental health, earth sciences, biology, ecology, but also chemistry, physics, political sciences, social sciences, and geography in a comprehensive manner to enable students to think critically about pressing environmental issues. In addition to WCU general education Goal 4, this course also specifically addresses Goal 3 (think critically and analytically) by examining the causes of pollution, the human health and environmental effects of pollution and the technical, behavioral, and legal control of these problems.
ENV102	Humans & The Environment	Health	UG	ENV102- A study of the ability of humans to survive and maintain their life quality considering the limited resources and recycling capacity of planet Earth.
ENV447	Environmental Regulations	Health	UG	ENV447- Provides a fundamental overview of major environmental law and regulatory principles, focusing on a wide range of air, waste, water, hazardous materials, transportation, and occupational regulations. Students learn to locate and obtain information from the Federal Register (FR), Code of Federal Regulation (CFR), the US Environmental Protection Agency (EPA) and the Pennsylvania Department of Environmental Protection (PADEP). Specific course sections focus on the Clean Water Act (CWA), Clean Air Act (CAA), Toxic Substances Control Act (TSCA), Resource Conservation Recovery Act (RCRA), Occupational Safety and Health Act (OSHA), National Environmental Policy Act (NEPA), Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), Superfund Amendments and Reauthorization Act (SARA) and other relevant environmental regulations. Throughout the course, we examine how concepts

				of sustainability have influenced policy, economic, and social decisions.
ENV557	Environmental Regulations	Health	G	<p>ENV557- Provides a fundamental overview of major environmental law and regulatory principles, focusing on a wide range of air, waste, water, hazardous materials, transportation, and occupational regulations. Students learn to locate and obtain information from the Federal Register (FR), Code of Federal Regulation (CFR), the US Environmental Protection Agency (EPA) and the Pennsylvania Department of Environmental Protection (PADEP). Specific course sections focus on the Clean Water Act (CWA), Clean Air Act (CAA), Toxic Substances Control Act (TSCA), Resource Conservation Recovery Act (RCRA), Occupational Safety and Health Act (OSHA), National Environmental Policy Act (NEPA), Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), Superfund Amendments and Reauthorization Act (SARA) and other relevant environmental regulations. Throughout the course, we examine how concepts of sustainability have influenced policy, economic, and social decisions.</p>

HIS152	US History II	History	UG	HIS152- Using the contemporary United States as a frame of reference, this course introduces students to the interrelated forces that have shaped the nation from 1865 to the present. In doing so it introduces students to historiography--how historians and the rest of us make sense of American history and provides opportunities for the analysis of primary sources that represent competing worldviews, interpretations, and values. The course includes units on Energy Regimes; Work, Income, and The Distribution of Wealth; Social Movements; and The Civil Rights Movement and Struggle for Equality Rights; and The Conservative Counter Revolution, 1973-1991
HIS344	Pennsylvania History	History	UG	HIS650- Seminar in American History. In this graduate seminar, students will research and rewrite the "Striking Oil" story on ExplorePAhistory, an online encyclopedia of Pennsylvania history built around the state historical marker program.... Exploring the history of the birthplace of the American oil and natural gas industries and their environmental economic, and political impact, the course also meets West Chester University's commitment to environmental sustainability and responsible local and global citizenship.
HIS650	Seminar-American History	History	G	HIS650- In this graduate seminar, students will research and rewrite the Striking Oil story on Explore PA history, an online encyclopedia of Pennsylvania history built around the state historical marker program.... Exploring the history of the birthplace of the American oil and natural gas industries and their environmental economic, and political impact, the course also meets West Chester University's commitment to environmental sustainability and responsible local and global citizenship.

HON490	Honors Capstone Senior Project	Honors College	UG	HON490- Students will identify and investigate a problem in a community business, nonprofit agency, or research laboratory, and then work to solve the problem. Students will be expected to play an active role in the problem-solving effort and contribute a minimum of ten hours each week to help solve the problem. Students will seek interaction with the CEO, senior officer(s), and/or senior investigators of the business, agency, or laboratory, who will serve as leader models for student study. While projects are generally completed in the senior year, students may register for this course upon completion of the 27-hour core or by special permission of the Honors College Director. Sustainability: At West Chester University, we promote the stewardship of an Earth on which life flourishes into a future of increasing prosperity and opportunity, without reducing the capacity of the environment to provide for future generations of humans and other life. Sustainability requires an understanding of the interconnected relationship of environmental, societal, and economic issues and resources at both the local and global levels. West Chester University graduates will be prepared to transform their understanding of those connections into a life-long commitment to environmental sustainability and responsible local and global citizenship.
KIN254	Disability Studies	Kinesiology	UG	KIN254- A study of the psychological and social implications of physical disabilities. Gen Ed Attribute: American Sign Language Culture Cluster, Diversity Requirement, Foreign Language Culture Cluster.
SED411/06	Supervision And Seminar	Languages and Cultures	UG	SED411/SED412-06- The student teaching seminars for the Languages & Cultures student teachers. The course is aligned with the College of Education & Social Works Conceptual Framework with the goal of producing reflective and skilled K-12 educators who are also advocates for social justice.
NTD325	The Food Chain	Nutrition	UG	NTD325- Nutrition Department: the focus of this course is an overview of the US food system, it's global context and various issues linked to the broad

				definition of sustainability. We target all the SDGs in some way.
PHI480	Environmental Ethics	Philosophy	UG	PHI480- In Environmental Ethics we study the moral relationship between human beings and nonhuman nature in this planet and consider how to ethically defend our actions on the ecosystem and its more-than-human contents. This course examines the human relationship to the natural world and what kinds of moral and social obligations we have to other beings and the earth.
PSC354	Environmental Politics and Policy	Political Science	UG	PSC354- This course is intended to serve as an introduction to environmental policy and politics. This course examines theoretical ideas about the policymaking process as well as the many actors and ideas that help shape policy outcomes. The course also explores different types of environmental policies and specific environmental issues such as air and water pollution, endangered species preservation, climate change, and environmental justice in the US at the federal, state, and local levels as well as at the international level. Environmental justice and a focus on the role values play in shaping discourse about the environment and the outcomes of environmental policy disputes feature prominently throughout the course.
PSY400	Community And Well-Being	Psychology	UG	PSY400- This Senior Seminar Course (2 sections taught) focus on personal, interpersonal, community, and cultural factors that promote the well-being, reduce inequality, help promote personal, social, and community well-being, increase access to open green spaces and natural environments, help promote equal access to information about health care and illness management.
PSY410/510	Research in Psychology	Psychology	UG/G	PSY410/510- My section of the research in psychology course engages students in conducting research on the impact of poverty and racism on children and families and programs to alleviate that impact as well as work toward ending poverty and racism in our society.

PSY410/510/600	Graduate Research in Psychology	Psychology	UG/G	PSY410- This Research Lab focuses on factors that increase the well-being of the individual and the planet.
PSY448/449	Field Experience in Psychology: Diverse Communities	Psychology	UG	PSY448/449- Diverse Communities: This service-learning course is a field experience in psychology that offers a consideration of childhood cognitive and emotional development in the context of poverty, classism, racism, and related oppression, as well as in the context of outstanding arts-based public-school programs and numerous family and community strengths. The course is an approved General Education course that meets the Diverse Communities requirement and contributes to the Community Engagement pathway.
YES300	Youth Empowerment and the Urban Context	Youth Empowerment and Urban Studies	UG	YES300- This course will immerse students in theories, historical contexts, and practices of leadership and democratic action through study, reflection and a semester-long partnership with an urban organization.
SWO351	Human Behavior in The Social Environment II	Social Work - Undergraduate	UG	SWO351- The course provides theoretical content on human bio-psycho-social-spiritual-cultural development from a lifespan development and ecological systems perspective. With this theoretical foundation, students understand the intersecting variables that impact individual, family, group, organizational, community, and larger societal system well-being.
SOC245	Environmental Sociology	Anthropology and Sociology	UG	SOC245- The sociological perspective of humans' interaction with the environment.
EDA203	Field Students with Exceptionalities	Special Education	UG	EDA203- This course is designed to have prospective teachers observe and reflect upon best practices in teaching within the context of a continuum of special education placements in public schools. The content will focus on a broad view of pedagogy, lesson planning, social equity, and culturally responsive practices in special education.
EDA327	Educating Students with Significant and Complex Support Needs	Special Education	UG	EDA327- This course is designed to provide teacher candidates with the knowledge base required to work effectively with students with significant and complex needs in the classroom. Particular emphasis will be placed on this population's unique needs,

				including physical, medical, behavioral, and communication.
EDA417	Student Teaching	Special Education	UG	EDA417- Participation in teaching and all other activities in the student teaching role related to the teacher's work.
EDA542	Foundations of Special Education	Special Education	G	EDA542- This course is designed to acquaint the prospective teacher with the historical legal evolution of the field, special education processes, and the characteristics of individuals with disabilities.
EDA303	Intro to Special Education	Special Education	UG	EDA303- The purpose of this course is to prepare preservice students to teach students with disabilities effectively in general education settings.
SWO351	Human Behavior in the Social Environment	Social Work - Undergraduate	UG	SWO351- This course examines the life cycle from middle adulthood through older adulthood and death and dying with an emphasis on mezzo and macro theories of human behavior from a strengths and ecological systems perspective.
WOS260	Globalization And the Ethics Of Sustainability	Women's & Gender Studies	UG	WOS260- This course examines forces of globalization, and environmental and ethical issues. The process of globalization (trade, communication technology, migration) has contributed to widening inequality within and among countries. Multinational corporations employ vulnerable people (especially women of color) for cheap labor, exploit local resources, and contribute to environmental degradation. Since the planet has its limitations, attending to the conservation of natural (and limited) resources, climate change, sustainable agriculture and forestry practices, and just fair-trade practices are at the heart of environmental and ethical issues and sustainability efforts. In this course, you will explore the social and environmental justice issues related to consumption of resources central to environmental ethics and sustainability. You will also examine their ecological/carbon footprint and ways to reduce it through changes in the

				consumption of energy, resources, food, and water.
BIO435	Course Topics in Biology: Tropical Biology of Costa Rica	Biology	UG	This course will explore aspects of tropical biology from a primarily field-based perspective, though the course will also incorporate structured lecture and discussions. Students will learn about lowland tropical rainforest ecology, Costa Rica's progressive environmental initiatives, and the Sarapiquí region's land-use history. While traveling, students will spend significant time in lowland tropical rainforests, meet with local scientists, and learn about ecologically-sound agricultural practices, coffee and chocolate production systems, and genetic/species diversity in tropical crop species. Note that field and classroom activities will typically require 10+ hours of student time per day during the trip.
BIO474	Bioenergy	Biology	UG	Theory and application of modern microbial ecology. Lectures will focus on topics such as microbial communities, interactions with other organisms, biogeochemistry, and biotechnology.
CRJ110	Introduction to Criminal Justice	Criminal Justice	UG	This course is designed to describe the criminal justice system from arrest through trial, appeal, sentencing, corrections, and parole. The object of this course is to provide the student with a procedural framework of the criminal justice process.

CRJ304	Comparative Criminal Justice Systems	Criminal Justice	UG	This course explores other systems of criminal justice found in divergent and dissimilar cultures. The focus of interest will be on the historical, political, cultural, and sociological factors that influence the development of systems of justice. The course will examine and compare the status of the common, civil, socialist, and Islamic legal traditions.
CRJ362	Drugs, Crime and Justice	Criminal Justice	UG	This course examines the role that drugs play in U.S. society and its criminal justice system. Topics covered include the types of illegal drugs; the history of U.S. drug prohibition; patterns, trends, and scope of illicit drug use; the relationship between drugs and crime; criminal justice policies toward drug-related crime; the consequences of current anti-drug policies, and alternative strategies for reducing drug crime.
CRJ440	Violent Crime	Criminal Justice	UG	Examines the role of social and economic factors which may contribute to violent behavior.
EDO555	The Sustainable Campus	Educational Foundations and Policy Studies	G	This course will provide future student affairs educators and higher education practitioners with an overview on sustainability as it relates to college and university campuses. Students will examine topics such as campus ecology, and environmental, human and economic sustainability. Student will learn how to develop and implement programs, plans and policies to create a more sustainable campus now and for the future. "
ESS130	Our Ocean	Earth & Space Sciences	UG	Approved WCU General Education course that explores our ocean (oceanography), including the coastal area that is most influential to our community. The course begins with an overview of earth and ocean, and the history of earth. It will cover 4 areas of oceanographic research area " physical, chemical, biological and geological oceanography (aka marine biology and marine geology). Also, the climate change and sustainability with respect to oceanography perspective are discussed.

ESS330	Introduction to Oceanography	Earth & Space Sciences	UG	An introductory oceanography course that explores 4 areas of oceanographic research area – physical, chemical, biological and geological oceanography. It covers the climate change, pollutions in ocean, and sustainability topics in both lecture and lab classes.
ESS332	Advanced Oceanography	Earth & Space Sciences	UG	An advanced course in oceanography covering resources, oceanographic literature, animal-sediment relationships, field techniques, estuaries, salt marshes, sea level changes, and pollution. Sustainability concept along with earth system perspective is the core of the course over the semester.
ESS532	Advanced Oceanography	Earth & Space Sciences	G	An advanced course in oceanography covering resources, oceanographic literature, animal-sediment relationships, field techniques, estuaries, salt marshes, sea level changes, and pollution. Sustainability concept along with earth system perspective is the core of the course over the semester.
GEO336	Environmental Planning	Geography and Planning	UG	GEO336/536: Environmental Planning, Geography & Planning. In this course, we will explore the concepts, components, practices, and tools of environmental planning and management. We will primarily emphasize applications to local and regional environmental planning and management issues in the U.S., although we will also address the international context for such global issues as sustainable development, species extinction, and landscape preservation.

HEA645	Global Health	Health	G	<p>The course will provide an overview of the main concepts involved in global community health promotion and program planning for global health. Students will be provided with an overview of the basic principles of global health promotion; • how to measure a country's health status and resources; cultural, economic and environmental influences on health; how to use existing data resources to analyze global health, the multiple links between health and equity, health and the economy, health and the environment, health disparities among low-income countries; the tools needed to develop an assessment of a country's health problems and an intervention plan with solutions to address those health problems; and key actors in global community health. Students will analyze a country's community health by developing a comprehensive plan for a community health promotion program. The course will use multiple teaching strategies, group interaction, case studies, global health promotion plans, and web-based global health materials.</p>
HRM606	Ethics, Social Responsibility and Sustainability in HRM	Management	G	<p>Introduces students to management theories and practical tools related to ethical decision-making in organizations. Challenges students to consider the ethical dimension of human resource management, including the obligations of organizations to their stakeholders and current issues related to fair, ethical and humane treatment of employees."</p>
PHI200	Intro to Peace and Conflict Studies	Philosophy	UG	<p>Introduction to Peace and Conflict Studies is an interdisciplinary inquiry into the nature and causes of social conflict. The aim throughout is to find ways of avoiding destructive conflict, whether through negotiation or other means. The issue of justice as a factor in conflict receives special attention. Approved interdisciplinary course.</p>

PHI201	Contemporary Issues	Philosophy	UG	Peacebuilding and conflict transformation are engaged personally, locally, regionally, and globally. Global Perspectives in Peace and Justice examines global issues of social justice, reconciliation, and peacemaking with an emphasis in postcolonial resistance, political violence, economic justice, ethnic conflicts, international human rights, and global environmental concerns. The course utilizes theories from Peace and Conflict Studies with emphasis on post-colonial discourse, feminist theory, critical race theory, conflict transformation, and global peacemaking. "
PHI451	Religion and Ecology	Philosophy	UG	This course explores contemporary environmental issues from the perspectives of different religious traditions through a postcolonial interreligious lens.
PHI551	Religion and Ecology	Philosophy	G	This course explores contemporary environmental issues from the perspectives of different religious traditions through a postcolonial interreligious lens.
PSY362	history and systems	Psychology	UG	This course focuses on a broad historical focus of the development of philosophy (thoughts, values, beliefs) about people, a way of life, well-being, and social matters.
PSY441	Field Experience in Psychology I	Psychology	UG	A work-study program in an educational, business, or mental health facility under joint supervision of the instructor and the staff psychologist of the field institution.
PSY442	Field Experience in Psychology II	Psychology	UG	Continuation of 441. A work-study program in an educational, business, or mental health facility under joint supervision of the instructor and the staff psychologist of the field institution.
SWO432	Advanced Social Welfare Policy	Social Work - Undergraduate	UG	Students are taught the concept of policy practice or how to develop, influence and implement social policy in their social work practice. The course utilizes the UN Sustainable Development Goals as a framework to examine the means needed to bring our influence to bear in humanizing policies and services for people and to make professionals more responsive to the critical problems that face our communities and agencies.

				Students learn about organizational and social change and strategies that can be used to influence and implement policy."
SWO496	Senior Seminar	Social Work - Undergraduate	UG	This course teaches advanced practice theory to students studying to do social work practice with a variety of community agencies serving persons who are dealing with poverty, health and wellbeing, school education, gender equality, economic equality and growth, and peace and justice.
WOS250	Women Self Representation	Women's & Gender Studies	UG	This course provides a multi-media approach to ways women represent their identities, their bodies, and their power to reject or revise representations that increase gender inequality.
WOS325	TransFeminist Theory	Women's & Gender Studies	UG	This course will explore the emergence of transfeminist theory as a field, as well as some of the key debates in the ongoing development of trans theory. Understanding systems of oppression are central to this academic pursuit and focusing specifically on feminist iterations of trans theory will help focus and ground our research. Furthermore, students will apply theoretical frameworks about trans subjectivity to contemporary issues€”to understand how these stories are being told, as well as to understand whose stories get told and whose don't

WOS385	Feminist Theory	Women's & Gender Studies	UG	This course will ask you to engage with major trends in feminist theory and philosophy and will also introduce you to key feminist thinkers. The course invites us to think about how feminist theories continually shape, inform, and influence the ways we engage in contemporary feminist modes of inquiry. It is designed to help you develop a critical theoretical framework for thinking about questions relating to sex, gender, sexuality, race, disability, feminism, and economy, among other things. It is also designed to help you engage with and understand theories that explain how power moves, functions, and how it is constructed and institutionalized“ in our relationships, in our families (broadly defined), in our schools and workplaces, and in our culture
WOS410	Capstone	Women's & Gender Studies	UG	This course helps students put theory into practice through an in-depth study of intersectionality theory, feministmethodologies, and praxis. "

List of Sustainability Inclusive Courses:				
Course Number	Course Name	Department	Level	Course Description
ACC202	Managerial Accounting	Accounting	UG	ACC202- Tracing and costing to product the direct and indirect materials, direct labor and indirect labor and fixed and variable manufacturing overhead need to manufacture a product. An analysis of labor and material variances to determine production effectiveness and efficient use of labor and material resources.
ACC305	Intermediate ACC III	Accounting	UG	ACC305- Intermediate Accounting III. Analysis of a company's efficient use of capital by determining the sources and uses of cash by reviewing Operating Activity, Investing Activity and Financing Activity and Non-Cash Investing and Financing activity (Exchange Transactions.)
ACC401	Auditing	Accounting	UG	ACC401- Introduction to auditing is a conceptual approach to accumulating, processing, and analyzing of financial information to determine the fair presentation of financial statements utilized in external financial reporting.
ACC202	Managerial Accounting	Accounting	UG	ACC202- Introduction to Management Accounting. A conceptual approach to accumulating, processing, and analyzing financial information for management's use when making informed business decisions regarding the company
ANT558	Museum Exhibition Curation	Anthropology and Sociology	G	ANT558- Museum Exhibition Design: The capstone course for the undergraduate Museum Studies Minor, this course teaches students how to curate a major museum exhibition from start to finish. Discussions in certain modules do touch on primarily social sustainability of museums, though of course more work can be done here. However, we have a major exhibition on sustainability, Earth Day at 50 www.wcupa.edu/EarthDayVirtualExhibition that is entirely focused on sustainability. We may have another exhibition in the future that also examines sustainability.

MST358	Museum Exhibition Curation	Anthropology and Sociology	UG	MST358- Museum Exhibition Design: The capstone course for the undergraduate Museum Studies Minor, this course teaches students how to curate a major museum exhibition from start to finish. Discussions in certain modules do touch on primarily social sustainability of museums, though of course more work can be done here. However, we have a major exhibition on sustainability, Earth Day at 50 www.wcupa.edu/EarthDayVirtualExhibition that is entirely focused on sustainability. We may have another exhibition in the future that also examines sustainability.
ART113	Digital Media	Art + Design	UG	ART113- This course is an introduction to the fundamentals of visual perception, representation, and design that are shaped by today's digital culture. It explores the ways contemporary artists and designers create images; design with digital tools; and communicate, exchange, and express over a broad range of digital media. Emphasis will be placed on building a visual literacy by studying and producing images using a variety of analog and digital techniques. Current creative software will be taught and used on a variety of course assignments.
ART206	Drawing II	Art + Design	UG	ART206- This second-level drawing course will apply practical and technical drawing skills to more ambitious and personal projects. Students will continue to advance their perceptual drawing knowledge through careful demonstrations and individual instruction. An exploration of scale, principles and techniques of pictorial composition including perspective, line, proportion and sources of imagery. Coursework will build upon students' previous knowledge of various drawing media, color, surfaces and ground treatments. Several projects will incorporate sustainability-related content to develop students' visual responses to critical research, with

				relation to the social, environmental and political aspects of sustainability.
ART211	Graphic Design I	Art + Design	UG	ART211- This course is an introductory course to the theories, methods, materials, and vocabulary used in the communication design profession. By applying problem solving strategies and design methods to graphic design problems, methods are explored and developed through formal studies of traditional and non-traditional visual techniques and materials.
ART217	Painting II	Art + Design	UG	ART217- An exploration of both traditional and alternative techniques and materials of painting through an active focus on contemporary and historical painting practices. Students will immerse themselves in the creative process as they develop individual conceptual goals and a personal aesthetic in a course designed to provide the groundwork for a depth of understanding and meaningful connection to the practice of painting. Several projects will incorporate sustainability-related content to develop students' visual responses to critical research, with relation to the social, environmental and political aspects of sustainability.
ART232	Potter's Wheel	Art + Design	UG	ART232- Donated bowls from their course work for our yearly spring "Empty Bowls" fundraiser in which we raised \$2000 and donated 100% of the proceeds to local charity, "Safe Harbor of Chester County." This is a yearly project I include every spring to engage students in community service. This is not a graded assignment or an official student learning outcome - just something I do to get students involved.

ART335	Ceramics: Independent Projects	Art + Design	UG	ART335- students donated bowls from their course work for our yearly spring "Empty Bowls" fundraiser in which we raised \$2000 and donated 100% of the proceeds to local charity, "Safe Harbor of Chester County." This is a yearly project I include every spring to engage students in community service. This is not a graded assignment or an official student learning outcome - just something I do to get students involved.
FYE100	First Year Experience- Creative You	Art + Design	UG	FYE100- The First Year Experience provides students with a basic platform from which they can plan their growth and development while at WCU. First Year Experience courses are offered in a variety of areas, but they share common content across all sections.
BIO100	Introduction To Biology	Biology	UG	BIO100- A science general education course for non-majors that is also taken as a prerequisite for nursing and other majors. The course covers basic concepts from biology with relation to personal (e. g., health) and social (i. e., climate change, sustainability) issues.
BIO315	Terrestrial Ecosystem Ecology	Biology	UG	BIO315- In this course, you will learn how materials and energy are transferred into, within, and out of terrestrial ecosystems. Particular emphasis will be placed on how carbon, water, and nutrients cycle through ecosystems. Knowledge of ecosystem ecology is essential to biologists because it links biotic elements of the environment (including humans) with underlying physical processes, providing a thorough understanding of ecosystem function. Once you have gained an understanding of interactions between biotic and abiotic ecosystem components, you will better comprehend ecosystem threats posed by anthropogenic disturbances, including climate change.

BIO476/576	Freshwater Ecology	Biology	UG	<p>BIO476/576- This course will deepen students' knowledge of freshwaters, integrating the physical, chemical, biological, and social aspects of these unique and important ecosystems. Students who engage with the course material will be able to:</p> <ul style="list-style-type: none"> -Describe, apply, and understand the limitations of tools and techniques used to measure ecological variables in streams and lakes -Explain the interactions between physical, chemical, and biological parts of aquatic ecosystems and how they contribute to ecosystem services -Predict and assess how people's choices and actions may affect and interact with ecological processes in aquatic ecosystems
CHE231	Organic Chemistry I	Chemistry	UG	<p>CHE231- The course includes discussions of many chemical reactions, some of which are very environmentally toxic. Alternatives to these procedures are discussed. The intent is to get the students to be more inquisitive and research their home and work activities. This would allow them to contribute more to conversations and make more environmentally responsible choices.</p>
CHE341	Introduction to Physical Chemistry	Chemistry	UG	<p>CHE341- An introduction to thermodynamics, chemical kinetics, electrochemistry, reaction dynamics and phase changes.</p>
CHE342	Advanced Physical Chemistry	Chemistry	UG	<p>CHE342- An introduction to quantum mechanics and the relation of this other areas of physical chemistry to chemical bonding, spectroscopy and light-matter interactions.</p>
CHE491	Seminar in Chemistry	Chemistry	UG	<p>CHE491- Oral and poster presentation of papers based on laboratory or library research.</p>
COM323/MDC323	Media Audiences	Communication Studies	UG	<p>MDC323- Gender inclusivity addressed in multiple assignments through media literacy and representation theories.</p>

COM499	Teams & Communication	Communication Studies	UG	COM499- Working in small groups (or teams) with others from diverse backgrounds and disciplines, and with varying expertise is an increasingly critical skill in today's professional world. This course builds upon small group theory and practical application of working in multidisciplinary teams, exploring the unique challenges and opportunities afforded by diverse team members. You will learn theoretical and practical elements of working effectively with others across disciplinary boundaries and across community organizations. Additionally, you will implement practical communicative skills which may include marketing and event planning, design, and research. Students in the class will learn how to adapt their work processes and deliverables to a variety of contexts. The students worked with a sustainability organization (West Chester Green Team) to plan a virtual and in-person Earth Day Art Festival in Spring 2021.
MDC251	Media Technologies	Communication Studies	UG	MDC251- This course introduces the students to key technologies used in producing digital messages, as well as professional standards applied in using these technologies. As part of the course, students will also develop basic, practical skills in using current media technology applications.
MDC254	Media & Culture Theory	Communication Studies	UG	MDC254- The course introduces a handful of core theories to explain what a theory is and how it is used.
MDC255	Research Methods	Communication Studies	UG	MDC255- an examination of the nature of inquiry and research in communication. Emphasis is on understanding and appreciating the strengths and weaknesses of various methods of research in communication. Students will gain knowledge of the fundamentals of research, research methodologies, and basic descriptive statistics.

MDC255	Research Methods in Mass Communication	Communication Studies	UG	MDC255- is an examination of the nature of inquiry and research in communication. Emphasis is on understanding and appreciating the strengths and weaknesses of various methods of research in communication. Students will gain knowledge of the fundamentals of research, research methodologies, and basic descriptive statistics.
MDC325	Strategic Social Media	Communication Studies	UG	MDC325- This course is designed to explore the influence of digital historical landscape, best marketing practices and mobilization through social media in the twenty first century. We will address key concepts in the field of new media, including issues such as media literacy, personal identity, community, globalization and the convergence culture. It is necessary to question whether there is anything "new" about these new technologies by comparing them with historic media transformations of our past. Once an adequate understanding is gained of the historical and present landscape of new media, we will learn to utilize technologies for personal online reputation management. Finally, we will critically explore how to best market new media by examining various business models and theories in the field, as well as how organizations and businesses utilize new media most effectively. Students will have an opportunity to apply course concepts to a final social media marketing project.
MDC370	Event Production Using Media	Communication Studies	UG	MDC370- The course teaches the public speaking skill of persuasive pitching and also looks at how media is integrated into events to achieve a number of different goals.
MDC421	Content Strategy	Communication Studies	UG	MDC421- This course examines the relationship between communication and marketing on the internet, with emphasis on the strategic use of content in the marketing process. Topics include: online communication environments, audience analysis, message design, editorial plan, and the analysis of outcomes.

MDC470	Intercultural Communication Training using media	Communication Studies	UG	MDC470- The course teaches intercultural sensitivity through interactive workshops while demonstrating how to lead and create such workshops and integrating media as part of that.
CSD101	Introduction to Communicative Disorders	Communication Sciences and Disorders	UG	CSD101- An introductory survey of normal processes and disorders of speech, language, and hearing. Suitable for nonmajors.
CSD204	Speech And Language Development	Communication Sciences and Disorders	UG	CSD204- Examination of normal communication development: biological, cognitive, social, and ecological bases of language. Developmental milestones from prelinguistic communication to oral language and literacy. Normal variations in development associated with cultural diversity and bilingualism.
CSD333	Language Disorders	Communication Sciences and Disorders	UG	CSD333- Clinical management issues associated with developmental and acquired language disorders in children and adults. Linguistic patterns observed in the performance of individuals with various etiological conditions (e.g., intellectual developmental disorders, autism, hearing loss, neurological impairment, learning disability). Factors indicating risk for and maintenance of language disorders. Protocols for evaluation and treatment indicated by behavioral theories, developmental theories, processing models, and sensitivity to normal variations among linguistically and culturally diverse populations.
SLP511	Child Language Disorders I: 0 To 5 Years	Communication Sciences and Disorders	G	SLP511- We discuss strategies for preventing child language impairments and methods for promoting normal language development or continued language learning.
SLP512	Child Language Disorders II: School Age - Adolescent	Communication Sciences and Disorders	G	SLP512- We discuss strategies for preventing child language impairments and methods for promoting normal language development or continued language learning.

SLP516	Adult Neurogenic Speech and Language Disorders	Communication Sciences and Disorders	G	SLP516- Adult Neurogenic Speech and Language Disorders - This course was designed to provide a foundation for clinical assessment and management of adult-onset language, cognitive, and speech disorders due to a variety of medical diagnoses. Because prevalence and incidence of medical diagnoses such as stroke, dementia, traumatic brain injury, and amyotrophic lateral sclerosis (ALS) vary along sociodemographic lines, the introductory module of the course addressed social determinants of health, health disparities, and approaches to multicultural clinical practice.
SLP523	Graduate Voice Disorders	Communication Sciences and Disorders	G	SLP523- Examination of classification, etiology, diagnosis, and therapy for functional, organic, and psychological voice disorders.
SLP526	Clinical Articulation and Phonology	Communication Sciences and Disorders	G	SLP526- Acoustic and physiological mechanisms underlying speech sound production; theoretical models and evidence-based practices associated with clinical management of disordered speech sound production.
SLP575	Medical Speech Pathology	Communication Sciences and Disorders	G	SLP575- This course is designed to provide graduate students with an introduction to terminology, documentation, types of insurance, and interactions with other medical disciplines, as well as frequently observed disorders, assessments, and interventions associated with pediatric and adult patients in a medical setting(i.e., acute care hospitals, skilled nursing facilities, long term care facilities). The course is also designed to expose the student to the code of ethics and scope of practice within a medical setting as determined by the American Speech and Hearing Association (ASHA).
SLP582	Dysphagia	Communication Sciences and Disorders	G	SLP582- This course prepares students to identify anatomical and neurological structures in swallowing, as well as assess, treat, and modify diets for patients with normal and abnormal swallowing patterns.

EDC505	School Counselors Working with Diverse Learners	Counselor Education	G	EDC505- This course discusses the ways school counselors can be leaders for, and advocate for equitable and successful education in a K-12 setting for students with disabilities, students who are English Learners, students who identify in the LGBTQIA+ community, and other learners with diverse needs by exploring institutional racism, Universal Design for Learners, and ethical and legal policies aimed to support all students, and in particular, students who may be marginalized due to language, race, culture, SES, family structure, and such.
EDC520	Social And Cultural Diversity in Counseling	Counselor Education	G	EDC520- Catalog Description: This course explores different racial, social class, gender, and ethnic group orientations to counseling and examines exceptionality implications in applying traditional counseling approaches for use with diverse client populations.
EDC521	Human Development	Counselor Education	G	EDC521- Focused on health and wellness initiatives, supporting optimal development, and removing barriers to accessibility and health (psychological and physical)
CRJ325	Animal Cruelty	Criminal Justice	UG	CRJ325- Animal Cruelty is a Criminal Justice elective in which we discuss Goal 14: Life Below Water and Goal 15: Life on Land as they relate to the fauna on earth and humankind's treatment of all species of animals.
CRJ387	Criminal Justice Research	Criminal Justice	UG	CRJ387- This course is designed to provide an overview of research methods used in criminal justice research, including data collection methods, sampling techniques, and basic statistical analyses. The course will provide hands-on application of research methods as well as critical analyses of research studies conducted by others in the field of criminal justice.
2221-EDA314	Curriculum & Instruction and Individual Learning Differences	Special Education	UG	EDA314- This course is designed to prepare students to assist children with disabilities achieve skills in academics and functional life domains. Emphasis is placed on understanding and analysis of learning problems, and the design

				and planning of instructional interventions.
ECE225	Infant Development and Field	Early and Middle Grades Education	UG	ECE225- Infant and Toddler Development, Early and Middle Grades Education. 6 credit courses where developmentally appropriate education for infants and toddlers is taught. Focus is on quality interactions and education. Students are placed in an infant/toddler environment each week where they can see quality education being implemented.
ECE513	Advocating For Children and Families	Early and Middle Grades Education	G	ECE513- Professional service and advocacy on behalf of children, families and communities will be course highlights. Students will engage in personal reflection and analyze public debate regarding current issues and policies that impact young children and families. Students will research a variety of advocacy and community mobilization strategies. Identification of both child and family need within various communities will be discussed, with opportunities to identify community resources for children and families within public and private agencies.
EGP210	Child Development	Early and Middle Grades Education	UG	EGP210- A survey of characteristic development and behavior of children in middle childhood and adolescence, situated within theories of human development with emphasis on application to classroom settings. Field clearances required.
EGP220	Fields And Theory	Early and Middle Grades Education	UG	EGP220- Field and Theory is practice oriented education course, early field experience. Focus on quality education and equity issues with a bit of environmental sustainability content
EGP322	PreK Methods and Field	Early and Middle Grades Education	UG	EGP322- PreK Methods and Fields, Early and Middle Grades Education. 6 credit courses where developmentally appropriate education for preschoolers is taught. Focus is on quality education. Students are

				placed in an early childhood environment 2 mornings each week.
EGP326	Family And Community Relations	Early and Middle Grades Education	UG	EGP326- Family and Community Relations (Early and Middle Grades Education) focuses a great deal on marginalized communities and the inequities that exist not only in the education system but also in PK-12 students' families and communities. We discuss equity issues related to race, culture, language, SES, gender, etc.
EGP326	Families And Communities	Early and Middle Grades Education	UG	EGP326- Addressing issues, policies, and practices about schools, young children, families, and communities, this course will focus on historically marginalized families in order to provide students with perspectives and understandings that will enable them to teach effectively and function as viable members of learning communities. Understanding the role of oppression and structural inequities, and how they impact families and understanding parents, guardians, and families in each child's achievement, success in education and life, while embracing and respecting each child's unique individuality, are essential for the contemporary educator. Examining the critical issues related to historically marginalized families and analyzing the structural inequities relative to families will guide students and allow them to articulate an informed openness to differences. Prerequisites included EGP 209 and EGP 210. This course is open to Early Grades Preparation majors only. (This is a diverse communities course J)
EGP335	Social Studies and Health Pk4	Early and Middle Grades Education	UG	EGP335- In this course, we address social studies and health content taught in PK-4th grade. We include, although less than I would like, areas in social studies and health education related to: global connections and responsibilities of global citizenship, health and civic issues globally that marginalize groups, and global issues

				such, some of which are addressed in the UN goals.
EGP335/535	Social Studies and Health Methods	Early and Middle Grades Education	UG	EGP335/535- Social Studies and Health Methods for PK-gr.4, the classes focus on preparing future teachers with strategies for how to teach social studies.
EGP335/535	Teaching Social Studies and Health Education In Pk-4	Early and Middle Grades Education	UG	EGP335/535- Prepares teaching candidates to instruct and guide learning opportunities for early grades students in both of these subjects. This course is a study of social studies and health education curricula, instruction and assessment. National, state and local standards are utilized as frameworks to explore the context, purpose, content, and interdisciplinary nature of the disciplines.
EGP410/411	Student Teaching	Early and Middle Grades Education	UG	EGP410/411- The course provides a 15-week internship placement in the elementary school classroom. Weekly seminars provide information and discussion about best practice within the classroom and current topics impacting the teaching profession.
MGP335/535	Teaching Social Studies Grades 4-8	Early and Middle Grades Education	UG	PHI180- Intro to Ethics is a diverse-communities course that explores different theoretical approaches to ethics and its application to real-life issues. There is consistent attention to social identities and oppression theory with an aim to foster justice and equity.
ESS112	Galaxies And Cosmology	Earth & Space Sciences	UG	ESS112- An introductory general education course in astronomy. Topics will focus on the properties of light and matter, the evolution of stars and galaxies, and the expansion, structure, history and fate of the universe. Students are introduced to the issue of light pollution and its impact on society, ecosystems, and astronomical research. Students also consider the costs and benefits of scientific research in the modern world.

ESS302	Mineralogy	Earth & Space Sciences	UG	ESS302- In-depth survey of the formation, identification, classification, and uses of minerals. Principles of symmetry, crystallography, crystal chemistry, and optical mineralogy. Laboratory and field examination and analysis of minerals. The class covers sustainable mineral development and conflict minerals.
SCI101	The Carbon Cycle	Earth & Space Sciences	UG	SCI101- The course uses the Carbon Cycle to teach Earth Science concepts to pre-service teachers. While the main theme of the course is not sustainability, we address the enhanced greenhouse effect, global warming, climate change, and carbon footprints.
ECO112	Principles of Economics (Micro)	Economics and Finance	UG	ECO112- Principles underlying use and allocation of scarce productive resources. Consumption and production activities. Value, price, and income distribution. Considerations of economic efficiency and welfare.
ECO340	Intermediate Microeconomics	Economics and Finance	UG	ECO340- A continuation and extension of the price-system analysis in ECO 112. Emphasis on the need for efficiency in the economy's use of scarce productive resources.
ENG194	Introduction to English Studies	English	UG	ENG194- An introduction to the current theories and assumptions about interpretive communities, genres, and the definition of the reader in relation to textual production (writing) and textual consumption (reading, viewing). In addition to providing an introductory foundation in genre theory and reader response theory, the course also provides students with practice in composing the types of response and analysis (the conventions) that are commonly assigned in English classes in the Literatures, BSED, and Writings tracks of our English major at West Chester University...As we learn about different ways to study and become life-long students of literature, writing, and education we will also begin to understand how English Studies functions as a scholarly discipline. What does

				<p>research look like in literature? How can studying rhetoric help us know our world differently? Why and how should English be taught as a school subject? These are just a few of the questions we will consider as a class as we work to uncover the function of this scholarly discipline you've already joined.</p>
ENG206	Black Critical Theory	English	UG	<p>ENG206- This course explores the political, social, cultural, and historical factors that influenced the development of twentieth century Black/African American Critical Theory. You will develop an awareness of critical, theoretical, and rhetorical approaches to textual analysis that are central to the field of English Studies as you engage crucial moments in Black history and culture such as The Harlem Renaissance, The Realist/Protest Movement, The Civil Rights Era/Black Arts Movement, The Feminist/Womanist Movement, and the most recent pessimist/optimist exchanges. We will also investigate the ways in which Formalism, Structuralism, Poststructuralism, and Feminism challenged and strengthened Black critical discourse. In doing so, we will explore questions of theory, meaning, and value in relation to the practice of textual analysis.</p>
ENG303	Multi-Ethnic Lit	English	G	<p>LIT303- Investigates systemic oppression, including gender oppression, and representations that respond to it.</p>

ENG371	Technical Writing	English	UG	ENG371- Instruction in the forms and techniques of written, oral, and visual communication currently practiced in the scientific and technical professions. A series of coordinated assignments leads to a final project in the student's field of professional study. The course develops your knowledge and proficiency of writing for scientific and technical professions. In this course, you will learn to create, adapt, and revise technical deliverables for non-expert and expert audiences.
ENG371	Technical Writing	English	UG	ENG371- Instruction in the forms and techniques of written, oral, and visual communication currently practiced in the scientific and technical professions. A series of coordinated assignments leads to a final project in the student's field of professional study.
ENG371	Technical Writing	English	UG	ENG371- Instruction in the forms and techniques of written, oral, and visual communication currently practiced in the scientific and technical professions. A series of coordinated assignments leads to a final project in the student's field of professional study.
ENG400	Research Seminars	English	UG	ENG400- This course is a special topics course based on the professor's research that provides students with an in-depth course on a research topic. When I taught this course, we looked at representations of marginalized boyhoods on the road in young adult literature. As part of this course, we discussed highways, sustainability of land and infrastructure, and rural v. urban understandings of landscape to underscore connections between ecocriticism and queer theory.
ENG400	Research Seminar/Steampunk	English	UG	ENG400- This course is a variable-topic research seminar. Students will do advanced work in many topics in English studies, including literature, rhetoric, film, cultural studies, composition, aesthetics, theory, individual authors. This course may be repeated for credit.

ENG504	Methods & Materials of Publishing	English	G	ENG504- This course is designed both to familiarize publishing certificate and graduate students with the components of contemporary publishing and to afford them the opportunity to gain hands-on experience in proofreading and copyediting.
ENG605/CRW 301	Poetry Workshop I	English	UG	ENG605/CRW301- We discuss eco-poetry and social justice. Students read poems about sustainability all semester.
ENG614	Capstone Research	English	G	ENG614- This course creates a space where graduate students form a community of writers to work on their capstone projects as they heighten their rhetorical awareness and explore writing in the myriad areas that comprise English Studies and the profession.
LIT219	Literature For Young Children	English	UG	LIT219- This course uses literary studies methodologies to approach literature for ages 0-10 or grades pre-K through four. My sections focus on diverse representations (goal 16) and explicitly discuss land preservation and conservation as it relates to Indigenous land and the Dakota Access Pipeline
LIT303	Intro to Multi-Ethnic American Literature	English	UG	LIT 303 - As a diversity (J) course, gender and racial equity is a focus of the course.
WRH333	African American Autobiography	English	UG	WRH333- This course is an introduction to the practice of textual analysis within African American cultural, historical, and social contexts. We will trace the development of African American Autobiography from nineteenth century slave narratives, such as Harriet Jacob's Incidents in the Life of a Slave Girl, to late twentieth/early 21st century memoirs such as Audre Lorde's Zami: A New Spelling of My Name. We will study African American life writing in its historical and cultural contexts with a focus on the ways that the genre has contested institutionalized forces of oppression from slavery to various manifestations of implicit and explicit abuses of power that impact African

				Americans in the present. As an investigation of the rhetorical tradition(s) of African American life writing, our study of central texts in this genre affords us the opportunity to further examine the structures of self-expression that are central in the articulation of black experiences.
WRT120	Effective Writing I	English	UG	WRT120- Students read texts that grapple with sustainability. They reflect on and analyze social justice/sustainability issues for analysis essays and research projects.
WRT200	Effective Writing	English	U	WRT200- Students read texts that grapple with sustainability. They reflect on and analyze social justice/sustainability issues for analysis essays and research projects.
WRT205	Investigating Experience	English	UG	WRT205- An "exploration of the student's personal history and attitudes through carefully structured compositions, including autobiographical narrative, memoir, and introspective analysis." In this particular section, we'll be investigating an experience that we all share, but that most of us rarely think about. Our research focus will be the plants that we live with and rely on every day of our lives.
WRT205	Critical Reading and Writing	English	UG	WRT205 - Like other 200-level writing courses in our first-year sequence, we heavily focus on information literacy and writing with sources. Although sustainability is not the focus of the course, I always include an exercise in which students use the internet to answer the question, is the climate crisis real. We discuss the reasons for and the consequences of denial.
EDF255	Evolution of Schooling in U.S.	Educational Foundations and Policy Studies	UG	EDF255- An examination of the historical evolution and contemporary purposes, practices, and structures of schooling in the U.S.

GEO101	World Geography	Geography and Planning	UG	GEO101- Introduction to World Regions organized by Environment (Physical, Sustainability, Human), Globalization and Development, Power and Politics, Urbanization, and Population, Gender and Culture. World Regional Geography
GEO102	Physical Geography	Geography and Planning	UG	GEO102- The study of basic principles of physical geography and of relationships between components of the total earth environment (weather and climate, soils, biogeography and geomorphology).
GEO214	Introduction to Planning	Geography and Planning	UG	GEO214- This course introduces you to the principles, methods, and practices of contemporary urban and regional planning. It covers a range of topics related to planning and introduces several analytical procedures used by most professional planners. One of the major course assignments, Planning Issue Paper, requests answers for these questions: 1. What is the (planning) issue involved and why is it a problem (or important)? 2. What do your references or sources say about the issue you have chosen? 3. Based on the references and your own analysis/rationale, what changes should take place to address the problem? 4. Explain how the changes could help create a more sustainable, livable, or equitable society.
GEO503	Seminar In Modern Geography	Geography and Planning	G	GEO503- Seminar in Modern Geography is an introduction to the discipline of geography that focuses on the key approaches and concepts of the discipline and applying them to topical areas. The course theme was inequality and included sections on environmental justice and human impacts on the environment.

PLN301	Planning History, Theory and Ethics	Geography and Planning	UG	PLN301- Planning theory is crucial to understanding how planners make decisions. Making ethical decisions is a critical component in the everyday life of an urban planner. This course takes an in-depth look at various planning theories including comprehensive, incremental, mixed scanning, advocacy, equity, and radical approaches to planning while adhering to the American Institute of Certified Planners (AICP) code of ethics and conduct. Students examine the history and evolution of planning; planning within a democracy; how planning influences society; new directions within the field, including sustainability; and finally the relationship between planning theory, practice, and ethical decision making. As a result, it will enable students to critically understand the purpose and contribution of planning within society as well as the role of the planner, including the issues of planning ethics, professional standards and conduct, and principles of the AICP Code of Ethics.
PLN316/GEO316	Economic Geography	Geography and Planning	UG	PLN316/GEO316- This course will focus on urban planning practices that help mitigate the impacts of various disasters to make resilient cities. It will provide students with the capacity to develop planning and public service skills to understand, diagnose and address causes, consequences, and mitigation and adaptation measures for a wide variety of emergencies and disasters. The course is both international and place-based in scope, with an emphasis on identifying best practices to help local communities survive the impact of major disasters.
ESS127	Movies, Media, and Entertainment from an Earth and Space Science Perspective	Earth & Space Sciences	UG	ESS127- An exploration of movies, media, and other mass communication media from an earth and space science perspective. Films, digital media (including trending videos or articles in social media newsfeeds), traditional news media, and other mass communication entertainment media will be viewed

				and analyzed to identify earth and space science topics and to correct these inaccuracies.
SWG501	Social Work Generalist Practice I	Social Work - Graduate	G	SWG501- This is the first of two required generalist year practice courses. It provides an introduction to strengths-based generalist practice using a collaborative approach. The course is designed to allow students the opportunity to demonstrate generalist level competencies. Grounded in a person and environment construct, an appreciation of oppressive systems, and respect for human diversity, the course provides students with generalist knowledge, skills and values necessary for generalist social work practice.
SWG511	The Dialectic of Oppression And Liberation	Social Work - Graduate	G	SWG 511- Within the context of a diverse and stratified society, this course examines the impact of discrimination and oppression on members of special groups, i.e., ethnic minorities, women, elderly, disabled, gays, and lesbians while considering the effects of diversity on human behavior and attitudes. It also considers the richness of human diversity.
SWG533	Social Work Research Methods	Social Work - Graduate	G	SWG533- This course is an introduction to the methods of social work research that provides foundation knowledge to prepare social workers to engage in evidence-based practice with individuals and families. The focus is on building foundation knowledge of the methods of social work research including single subject and group designs; exploratory, descriptive, and explanatory designs; qualitative and quantitative data gathering, analysis and data dissemination.

SWG534	Advanced Research Methods: Program Evaluation	Social Work - Graduate	G	SWG534- Focuses on the exploration of the techniques and issues relevant to ethical practice in evaluation research from a social justice perspective. Quantitative and qualitative evaluations of social service agency programs will be discussed. Topics covered include history, philosophies, and conceptual approaches in program evaluation; design and conducting needs assessment; the analysis and management of program data using computer software; and the measurement of program goals/objectives through process and outcome evaluations.
SWG541	Social Welfare Policies and Services	Social Work - Graduate	G	SWG541- This generalist course emphasizes the historical, economic, political and philosophical foundations of American social welfare policy. Special attention is given to the values, ethics, and roles of the social work profession in the evolution of selected human service programs designed to achieve social and economic justice. Models for policy analysis, strategies for social change, and the policy challenges presented by social and legal discrimination are examined.
SWG554	Human Development across the Lifespan	Social Work - Graduate	G	SWG554- Uses a developmental and ecological perspective to explore the interaction of biological, psychological, and sociocultural systems, the influence of human diversity, and economics as determinants of the behaviors and well beings of individuals and families. This course highlights linkages to practice, research, and policy from a human rights perspective.
SWG555	Organizations & Communities	Social Work - Graduate	G	SWG555- This course provides the core theoretical perspectives of human behavior in organizations and communities and other societal systems. Traditional theories, alternative paradigms, and models of behavior in these various size systems will be explored and related to one another to analyze the functioning of individuals within collectives. The

				tasks and developmental operations within organizations and community systems will be examined with respect to how they maintain themselves and as the behavior of individual and groups within them influence one another.
SWG571	Social Work with Older Adults	Social Work - Graduate	G	SWG571- This course reviews theoretical and biopsychosocial elements of culturally responsive social work practice with older adults, their caregivers and families. The course examines the status and position of older adults in society, the community, interdisciplinary support service delivery system. This class includes information on assessments and interventions with diverse older adult clients regarding health and wellness, chronic illness, social networks, poverty, disability, end of life care and bereavement. The course also examines sustainability considerations connected to attaining environmental and social justice.
ENV102	Humans and the Environment	Health	UG	ENV102- A study of the ability of humans to survive and maintain their life quality considering the limited resources and recycling capacity of planet Earth
ENV435	Global Climate Change	Health	UG	ENV435- Special workshops on contemporary environmental health issues. Topics announced at time of offering.

ENV435/581	Environmental Health Workshop	Health	UG/ G	<p>ENV435/581- This course begins with the premise that moving toward sustainability involves mastering at least three types of skills and knowledge and exercising them jointly. First, moving toward sustainability requires making difficult decisions between things that we value, when these values often pull in different directions. It might also require transforming the way we, and others, value our world. Value systems are often informed by one's religion, which is a potent resource both for resistance to change but also for energizing change. Thus, moving toward sustainability means being able to talk intelligently about those values and how they are formed and transformed, and being able to balance different values held by different groups to promote and sustain intelligent debate when values conflict. Second, moving toward sustainability means knowing how nature works and how the decisions we make (to achieve what we value) will affect and change the natural world in which we live and on which we rely. Third, moving toward sustainability means making intelligent policy decisions out of a knowledge of what is possible now in our society, even if we want to try to stretch the limits of what is possible. That requires knowing how economic and political systems work, and how far they can stretch before they break. It also involves knowing what technology (both present and projected) can and cannot do.</p>
ENV450	Hazardous and Solid Waste	Health	UG	<p>ENV450- Sources, characteristics, and amounts of solid and hazardous wastes and their implications for human health. Methods of collection, handling, disposal, and recycling.</p>
ENV452	Industrial Hygiene I	Health	UG	<p>ENV452- This course is an investigation of the anticipation, recognition, evaluation and control of airborne and dermal health hazards in the workplace. Hazard communication and regulatory compliance are also addressed.</p>

ENV455	Environmental Health Seminar	Health	UG	ENV455- In-depth investigation and discussions on topics of particular concern or significance to the environmental health field. Topics will be varied from year to year.
ENV460	Industrial Hygiene II	Health	UG	ENV460- This course is an investigation of the anticipation, recognition, evaluation and control of ergonomic problems, noise, thermal stress, and radiation in the workplace. Worker training strategies related to occupational health and safety are also addressed.
ENV524	Industrial Hygiene	Health	G	ENV524- A study of the recognition, evaluation, and control of health hazards in the work environment.
ENV530	General Environmental Health	Health	G	ENV530- This course will address the protection of human health from environmental disease agents. Students will learn current issues in environmental risk assessment, air and water pollution, waste management, and workplace health and safety. Students will use this information to communicate effectively the relevant environmental risk to populations they serve. Training and education strategies and the use of instructional resources, including the Internet, will be integrated into the learning experience.
ENV581	Global Climate Change	Health	G	ENV581- An in-depth study of selected, current topics relevant to the development of environmental health professionals. Specific topics will be noted in the master schedule.
HEA109	Health Issues of Women	Health	UG	HEA109- The course is sustainability inclusive because it covers many facets of women's health in the US and around the world. We touch on social determinants of health which include the impact of systemic racism, poverty, food insecurity, inequitable access to care, education, and more have on achieving health and wellness.
HEA109	Issues in Women's Health	Health	UG	HEA109- The needs and concerns of women as consumers in our present health care system. Various biological, psychological, and social topics will be discussed.

HEA242	Introduction to Public and Community Health	Health	UG	HEA242- This course is intended to provide the student with an overview of public and community health concepts in the United States.
HEA342	Program Planning and Evaluation	Health	UG	HEA342- Provides an in-depth study of the program planning process and evaluation methods. Needed skills are developed and experience given in writing programs from assessment through evaluation with both hypothetical and real populations.
HEA531	Community As a Basis Of Health	Health	G	HEA531- The purpose of this course is to provide students with the opportunity to examine the foundations of community health and community health assessment. Emphasis will be placed on the development of a community health needs and assets assessment and a service-learning project in community health. The instructor and students will explore concepts and methods of community health improvement and the role of assessment in community health. The impact of social, cultural, and economic factors on current community health issues will be examined throughout the course.
FYE100	Humanities	History	UG	FYE100J- Part of the larger FYE enterprise. We include modules/activities on nature & happiness, subjective wellbeing, calculating one's carbon footprint, university policies with a case study on banning single use plastic from the classroom.
FYE100G-03	First Year Experience	History	UG	FYE100G-03- Our section focused on climate change, sustainable farming, water usage, and other issues regarding sustainability
HIS101	World Civ I	History	UG	HIS101- Introduces the characteristics and traditions of major world civilizations from the Stone Ages until 1500.

HIS214	Do No Harm? The Pursuit of Justice in the History of Medicine	History	UG	HIS214- This course examines the history of how people have understood and experienced health and sickness, and how people have practiced medicine and had medicine practiced upon them, from ancient times to the present. It places particular emphasis on the historical relationship between expert and lay medical knowledge, and in understanding how cultural values have informed the diverse ways that different societies have practiced medicine. The course similarly explores how medical knowledge and practice have become a potent form of cultural authority open to both great accomplishments and great abuse. In particular, we will examine how women, persons of African ancestry, persons with disability, and other historically marginalized groups interact with medical knowledge and practice. Using the analytical tools of social constructivist theory, the course examines how medical knowledge, and the practice of medicine can be agents used to maintain structural inequalities. Crucially, however, marginalized persons and their allies also have used their own medical knowledge and practice to challenge those inequalities.
HIS300	Varieties of History	History	UG	HIS300- Required course for history majors focused on research methods and historiography. Required readings include one on environmental history, several on gender, and several on the relationship of slavery and capitalism.
HIS305	Modern China	History	UG	HIS305- Survey of the historical and cultural background of China. Emphasis is given to the significance of China's modern period and its impact on world affairs.
HIS332/545	The Holocaust	History	UG	HIS332/545- The History of the Holocaust addresses the Nazi genocide of the Jews during World War II and aligns with the human rights component of the UN's 17 sustainability points.

HIS349	Jewish History	History	UG	HIS349- The course covers the vast expanse of Jewish history going back to 2000 B.C., tracing the story of a people who belong to one of civilization's major monotheistic religions.
HIS368/601	Directed Readings in American History	History	UG	HIS368/601- Gay America addresses the history of the LGBTQ community in the United States and also aligns with the human rights component of the UN's 17 sustainability points.
HIS397/603	Race and Genocide in Film	History	UG	HIS397- Race and genocide in film addresses depictions of minority experiences of persecution and resistance in cinema and aligns with the human rights component of the UN/s 17 sustainability points.
HIS399	Philadelphia Immigration Stories	History	UG	HIS399- Philadelphia Immigration Stories. Third semester of a multi-semester project-based course focused on oral histories with immigrants to Philadelphia. In spring 2021 students compared and contrasted the immigration experiences from the early 20th and early 21st centuries, creating podcasts, lesson plans, and other digital storytelling projects.
HIS412	Modern Middle East	History	UG	HIS412- Surveys the history of the Modern Middle East, including issues relating to economic and social justice, gender equality, and climate change.
HIS413	Nuclear War	History	UG	HIS413- This course examines the ethical implications of nuclear weapons; the history of the scientific, technological, social, political, and military circumstances surrounding their invention; the consequences of their use by the United States against Japan; and the ongoing ways in which their presence shapes film and literature, religion, politics, foreign affairs, ethics, and scientific research. It places particular emphasis on the United States' decision and ability to create and use the bomb, and subsequent efforts to make sense of the unfathomable power of these weapons through film, music, television, moral philosophy, and religion. The course examines how scientists, artists, and lay persons

				envision nuclear power as both the ultimate source of liberation and of doom, and the ethical implications of atomic diplomacy
HIS424	World Communism	History	UG	HIS424- This course examines the history of communism, the twentieth century's most influential analysis of - and proposed remedy for -- structural inequality. Building on Karl Marx's analysis of the material basis of the exploitation of the working class under industrial capitalism, later Marxists aimed not only to understand the world but to change it. Drawing on primary documents that focus on the perspectives of often marginalized individuals, the course seeks to answer the essential questions: What visions of a new world motivated communists? What solutions to class, gender, and racial inequalities did they propose? How did they remake themselves as a "new" revolutionary people? What are the legacies of Marxism and the lessons of communism for the project of creating a just and equitable society?
HIS543	Jewish History	History	G	HIS543- This course assesses Jewish life and thought in the context of major European historical developments during the 19th and 20th centuries. Special attention is given to the emancipation and acculturation process and the proliferation of anti-Semitism.

HON311	Stewardship And Civic Engagement	Honors College	UG	<p>HON311- The purpose of the course is to expose students to the multi-disciplinary methods and means of the American tradition of philanthropy, as well as quantitative mathematical economic tools needed for social change. In addition to examining the relationship of power and organization to the change process, the course will explore the motivations for social action and philanthropy. Students will study both the theory and practice of change, including the nature of social responsibility and volunteerism, particularly as it relates to marginalized groups and underrepresented populations, tools entrepreneurs use to achieve change, development of resources to support change, and evaluation of competing ideas. Foundations of market and nonmarket economies as they relate to good stewardship and civic responsibility will be addressed. Fusing literature and economics, the values and limitations of market capitalism and command socialism will be discussed.</p> <p>The course will develop students' understanding of the essential value of volunteerism as a measure of success, the role of the economy and government as servants of society, and risk-taking. Students will also learn about inventing opportunities, finding and building coalitions, speaking on behalf of various constituencies, and securing resources for change and confronting moral choices and consequences in determining resource allocation between competing needs. The course helps you become forces for positive change through scholarship, service, teamwork, and leadership and is designed to address WCU's general education goals.</p>
HON451	Social Change	Honors College	UG	<p>HON451- Second of two special topics offered fall semester. Subject matter rotates and is determined by the Honors director and the Honors</p>

				Council through competitive submission from university faculty.
FYE100	Instrumental Music	Instrumental Music	UG	FYE100- Music
EXS381	Exercise Assessment and Prescription	Kinesiology	U	EXS381- Students learn how to assess fitness of apparently health populations in order to prescribe the right exercise program. Emphasis is on motivational interviewing, sharing health and wellness information, and applying the information to proper program design that answers the client's why.
EXS482	Principles And Practices of Strength And Conditioning	Kinesiology	UG	EXS482- Principles and Practices of Strength and Conditioning is primarily geared toward working with athletes and non-athletes to enhance physical performance, reduce the risk of injury and promote well-being.
EXS484	Organization and Management of Adult Fitness Programs Clinic/Seminar	Kinesiology	U	EXS484- students apply the content learned in EXS 381 to provide health and wellness programs in person and virtually. Emphasis is on analyzing evidence-based information pertaining to health and wellness and correct application of that information.
HPE205	Curriculum and Instruction: Inclusion in Health & Physical Education	Kinesiology	UG	HPE205- To provide Health and Physical Education majors with the skills, knowledge and attitudes: 1) to provide individuals with disabilities appropriate physical education/activity in inclusive setting, 2) to prepare participants with disabilities for lifetime physical activity and fitness pursuits in the school and community settings, 3) to advocate for appropriate physical activities for individuals with disabilities; 4) to modify the environment for participation of individuals with disabilities to the maximal extent possible in the general physical education class/community based settings; 5) to assess students with disabilities and make recommendations for goals, objectives, specially designed instruction, placement, and modifications to curriculum, equipment, and other support

				services; 6) to work as a team player on the multidisciplinary team.
HPE206	Adapted Physical education and Health	Kinesiology	UG	HPE206- Through classroom and hands-on teaching experiences this course will provide health and physical education teacher certification majors with the skills, knowledge and attitudes to meet the needs of students with disabilities in inclusive and segregated health and physical education classes and to meet the NASPE beginning teacher standards and the PA chapter 49.13 special education standards.
KIN246	Sport, Wellness, Society	Kinesiology	UG	KIN246- Sport, Wellness and Society is a multi-cultural ("J") as well as an interdisciplinary ("I") course in our Gen Ed program, and it is included in the Gen Ed Sustainability Pathway. The course focuses on the impact of our actions on ourselves as well as our planet, how one is directly connected to the other, and what we can do to make a difference in fostering sustainability in our everyday action to support our health as well as that of the planet.
KIN254	Disability Studies	Kinesiology	UG	KIN254- Disability Studies is a course dedicated to teaching the lived experience of individuals with disabilities. It focuses on the medical, social, and more models of disability

PEA142	Yoga I	Kinesiology	UG	<p>PEA142- An activity course that offers a broad view of the philosophical underpinnings of Yoga along with the methodology (movement, breathing techniques, and meditation). All of this is taught as being one of the many contemplative practices there are in the world that have at their core the cultivation of seeing "Other" in Self and Self in "Other."</p> <p>Two weeks of the course focuses on the Yogic lifestyle as a sustainable way to live. We discuss food systems when we discuss food as energy, as well as the environmental impact of what we wear, drive, heat or homes with, etc. The discussions evolve out of the first "limb" or aspect of the philosophy of Yoga: Yama. There are 5 of them:</p> <p>Ahimsa- Do no harm Satya- Tell the Truth Asteya- Do not take what you do not need Brahmacharya- Moderation in all things Aparigraha- Letting go of what is not needed</p> <p>The ways these can be applied in one's personal life and as a consumer is astounding.</p>
PEA143	Yoga II	Kinesiology	UG	<p>PEA143 Yoga I is an activity course that offers a broad view of the philosophical underpinnings of Yoga along with the methodology (movement, breathing techniques, and meditation). All of this is taught as being one of the many contemplative practices there are in the world that have at their core the cultivation of seeing "Other" in Self and Self in "Other."</p> <p>Two weeks of the course focuses on the Yogic lifestyle as a sustainable way to live. We discuss food systems when we discuss food as energy, as well as the environmental impact of what we wear, drive, heat or homes with, etc. The discussions evolve out of the first "limb" or aspect of the philosophy of Yoga: Yama. There are 5 of them:</p> <p>Ahimsa- Do no harm</p>

				<p>Satya- Tell the Truth Asteya- Do not take what you do not need Brahmacharya- Moderation in all things Aparigraha- Letting go of what is not needed The ways these can be applied in one's personal life and as a consumer is astounding.</p>
KIN180	Lifetime Fitness Concepts	Kinesiology	UG	KIN180- This course is designed to give students information on the 5 areas of health related fitness. Each area is discussed in detail and students are given assignments and information on creating a healthy and fit life for themselves.
PSY200	Positive Psychology	Psychology	UG	PSY200- The entire course is based on what it is like to live life "north of neutral" or "the good life". Science and tools are given to help students find ways to live a happier and more meaningful life.
LIN130	The World's Languages	Languages and Cultures	UG	LIN130- This is a course on linguistic diversity in the world. Besides a description of the main patters of linguistic diversity, this course focuses on developing awareness on language-based inequalities, as evidenced in pressure for minority and indigenous communities to assimilate culturally and linguistically to cultural majorities (with associated patterns of social, economic and political discrimination on the members of the minority groups).
HRM607	Diversity & Globalization	Management	G	HRM607- Examines dimensions of diversity and inclusivity in domestic and international organizations and the development and implementation of related HRM policies and practices. Topics include the regulatory environment and legal considerations; managing in cross-

				cultural environments; managing diverse team; and international assignment management
MGT200	Principles Of Management	Management	UG	MGT200- This course will introduce you to basic management concepts and principles in the context of corporate sustainability. The course is organized around the POLC (Planning, Organizing, Leading, Controlling) framework, representing the core functions of management. The format will be a combination of asynchronous reading, watching, short exercises, and discussions with synchronous practice sessions on Thursdays.
MGT313	Business And Society	Management	UG	MGT313- In this course we analyze the social, political, legal, environmental and ethical issues that businesses face. We also examine the interplay among business, society, and governmental policy, especially in light of recent corporate scandals. How well a business and its leaders understand, respond, and adapt to this interplay will influence the success of the organization and the well-being of its stakeholders.
MKT330	Consumer Behavior	Marketing	UG	MKT330- Foundations of consumer behavior. Market structure and consumer behavior, purchase strategy and tactics, determinants and patterns of consumer behavior. An integrated theory of consumer behavior is sought.
MKT345	Managing Sales	Marketing	UG	MKT345- Source, technique, and theories applied to problems encountered in managing a sales force in the areas of administration, policy, organizational structure, personnel selection and evaluation, sales training, compensation, forecasting, establishing territories and quotas, and sales analysis. Emphasis on case studies.

MKT425	Marketing Strategy and Planning	Marketing	UG	MKT425- Application of the skills required for effective managerial decision making and communication using a team approach. Emphasis on case studies, computer simulations, and the development of a marketing plan; oral and written presentation of results.
MAT145	Calculus For The Life Sciences	Mathematics	UG	MAT145- An overview of differential and integral calculus, motivated through biological problems. Topics include mathematical modeling with functions, limits, continuity, differentiation, optimization, and integration. Graphing calculators are used as an aid in the application of calculus concepts and methods to realistic biological problems.
MAT315	Differential Equation and Linear Algebra	Mathematics	UG	MAT315- An introduction to linear algebra and differential equations. Topics include matrices, vector spaces, linear dependence, determinant, eigenvalues and eigenvectors, ordinary differential equations, initial value problems, and systems of linear ordinary differential equations. Applications to physics and engineering will be emphasized.
MAT493/548	Industrial Mathematics - Continuous Models	Mathematics	UG/ G	MAT548/493- This course is designed to provide a survey of mathematical concepts, techniques, and numerical algorithms used to study real-world continuous mathematical models. Application areas include population dynamics, climatology, feedback and control systems, traffic flow, diffusion, fluids and transport, and epidemiology. Computer software packages such as MATLAB, Mathematica, and Maple will be used in the analysis of the problems.
MPT240	Fundamentals of Music Therapy	Music Education & Therapy	UG	MPT240- This course provides a survey of the music therapy profession. Students will learn about music therapy literature, current practice, multicultural considerations, and clinical applications of music therapy through experiential learning, research, and writing.

MUE220	Music for Diverse Learners	Music Education & Therapy	UG	MUE220- This course provides undergraduate music education and music therapy candidates with the skills, knowledge, understandings, and attitudes necessary to meet the needs of students with diverse needs in an inclusive music education classroom, including an emphasis on ethical decision-making.
MHL312	Women In Music	Music Theory, History, and Composition	UG	MHL312- Examines inequalities in the music industry by studying compositions and performances by women, inequities and imbalance in music professions (such as orchestras, conductors).
NSG222	Transcultural Health Care Delivery	Nursing	UG	NSG222- Emphasis is placed on the exploration of heritage, diversity and the meaning of health and illness in various cultures. Students will gain understanding of the U.S. healthcare delivery model and its associated outcomes in diverse populations. Discussion will include the following topics: demographic disparity/poverty, immigration/U.S. institutional mandates, diverse health care beliefs, traditional medicine, religion, ethnicity, socialization, and linguistics. Concepts will be approached from multiple perspectives that include: health science, public health, economics, sociological and political science perspectives.
NSG332	Nursing Ethics And Health Policy	Nursing	UG	NSG332- Nursing Ethics and Health Policy - Focus is placed on values clarification, ethical theory, ethical decision making models, and professional ethical standards. Emphasis is on ethical obligations of professional nurses in their roles as citizens, members of a profession, providers of care, and facilitators of public health policy.

NSG334	Community Public Health Nursing	Nursing	UG	NSG334- This course will allow students to explore and gain knowledge about the role of the community/public health nurse caring for individuals, families, communities, and populations. Emphasis is placed on health promotion and disease/injury prevention within vulnerable and at-risk populations. Students will be introduced to environmental health and emergency and disaster planning and response systems. Social determinants of health (SDoH), including neighborhood, economic stability, access to education and healthcare, and cultural context, will be analyzed using various evidence-based and organizational resources. Entry-level competencies for public health nursing will be gained through course assignments.
NSG335	Clinical Prevention and Population Health	Nursing	UG	NSG335- This experiential learning experience will allow students to apply their knowledge of the role of the community/public health nurse when caring for individuals, families, communities, and populations. Students will complete the assessment, design, implementation, and evaluation of a potential population-based intervention that promotes the health of a selected community. Emphasis is placed on health promotion and disease/injury prevention of at-risk populations. Students will be introduced to vulnerable and medically underserved populations while completing their community nurse project. Entry-level competencies for public health nursing will be gained through course assignments.
NSG101	Introduction to Nursing	Nursing	UG	NSG101- This course will introduce the student to knowledge of the nursing process, and the nursing profession. Emphasis is placed on the exploration of the conceptual and philosophical basis of nursing, and the role of critical thinking using the nursing process. This course will identify the relationship of historical events to the application of current

				nursing practice, and the implication that legal and ethical issues have on the nursing profession
NSG317	Women's Sexuality	Nursing	UG	NSG317- Women, Sex and Sexuality is a writing intensive course examining women's experience with sex and sexuality from a biopsychosocial perspective. The approach is inclusive of multiple foci including age, race, ethnicity, sexual orientation, (dis)ability and other aspects of human difference. Special attention is paid to women's sexuality within the context of gender analysis.
NTD200	Nutrition and Culture	Nutrition	UG	NTD200- The focus is on diversity and equity in food and nutrition outcomes, so we cover SDGs linked to equity, health, no poverty, no hunger, and living conditions and wages to support this.
NTD205	Introduction to the Principles of Food Selection and Preparation	Nutrition	UG	NTD205 - This course is a nutritionally based study of the basic principles of food selection and preparation with an emphasis on food safety and sustainability. Course includes a comparative study and integration of convenience food and traditionally prepared food, enhanced by an experiential lab component. Student Learning Outcome focused on sustainability: Discuss environmental issues related to food (irradiation, genetically modified foods, biotechnology, organic)
NTD601	Nutrition & Health in Aging	Nutrition	G	NTD601- Nutrition Department: this classes describes life cycle issues linked to nutrition as we age and health outcomes. We cover SDGs linked to equity, health, no poverty, no hunger, living conditions and wages, health across the lifespan, sustainable cities and peace with strong institutions.
NTD612	Nutrition and Human Behavior	Nutrition	G	NTD612- This graduate class focuses on human behavior and contexts that explain nutrition outcomes with a heavy focus on theory and the social determinants of health. We cover

				SDGs linked to equity, health, no poverty, no hunger, living conditions and wages, health across the lifespan, sustainable cities and peace with strong institutions.
NTD305	Vegetarian Nutrition	Nutrition	UG	NTD305- This course will apply basic human nutrition principles to plant-based dietary approaches, addressing both the health-promoting aspects of vegetarianism and concerns about nutritional adequacy at all stages of the life cycle. A variety of vegetarian food preparation methods will be demonstrated and students will participate in meal planning as well as taste testing recipes.
PEA142	Yoga 1	Kinesiology	UG	PEA142- Physical education activity, yoga
PEA242	Yoga 3	Kinesiology	UG	PEA242- This course is the third in the Yoga sequence and will provide further development of Yoga skills for the participant. Individual interested in teaching Yoga will explore teaching methodology and will address the individual requirements established by the Yoga Alliance.
PHI101	Intro. To Philosophy	Philosophy	UG	PHI101- The course consists of readings of major works in the history of Western philosophy. I note frequently that we live in a new world now, where for the first time sustainability is a major topic of concern. I use examples of climate change, pollution, etc. throughout the course.
PHI102	Introduction to Religious Studies	Philosophy	UG	PHI102- This course is as both a survey of the major world religions along with their corresponding cultural frameworks, and an exploration of the critical issues (e.g., ecological crisis, gender and racial inequality, cultural colonization and religious imperialism) inevitably raised in the study of comparative religions.
PHI180	Introduction To Ethics	Philosophy	UG	PHI180- Intro to Ethics is a diverse-communities course that explores different theoretical approaches to ethics and its application to real-life issues. There is consistent attention to social identities and oppression

				theory with an aim to foster justice and equity.
PHI204	Philosophy of India	Philosophy	UG	PHI204- This course focuses on the challenge of rethinking Indian philosophies in relation to a just and sustainable society by exploring the current ecological issues such as climate change, alternative energy and fossil fuel, food production and GMOs, etc.
PHI499	Buddhism and Process	Philosophy	UG	PHI499- This course is a comparative study of Buddhism and Process thought. We will be reading and comparing process philosophy with Mahayana Buddhism, Hua-Yen Buddhism, and Zen Buddhism, focusing on some philosophical themes such as True Self, Life, Nature, God and the World, sufferings, etc.
PHI599	Buddhism and Process	Philosophy	G	PHI599- This course is a comparative study of Buddhism and Process thought. We will be reading and comparing process philosophy with Mahayana Buddhism, Hua-Yen Buddhism, and Zen Buddhism, focusing on some philosophical themes such as True Self, Life, Nature, God and the World, sufferings, etc.
WOS305	The Intellectual Roots Of Western Feminism	Women's & Gender Studies	UG	WOS305- Unpacks the history and the philosophical underpinnings and the racial strife of the dawn of the modern feminist movement.
SCI100	Climate Change	Physics and Engineering	UG	SCI100- This course provides an introduction to the science of climate change. Core topics include albedo, the greenhouse effect, the carbon cycle, and feedback mechanisms between these phenomena. We will study past climates, climate models, and the impacts of modern climate change. Near the end of the semester we will discuss efforts to mitigate climate change. We conclude by briefly discussing the most widely adopted climate change policies.
FYE100G	First Year Experience	Political Science	UG	FYE 100G- A STEM section of FYE with a portion of the class and a research project focused on sustainability,

				water usage, and ethical environmental practices.
GST110	Intro to Global Studies	Political Science	UG	GST110- In this class students survey global issues and use approaches across multiple academic disciplines geography, history, political science, economics, anthropology, and sociology to analyze and engage global issues. Understanding the national and global forces that both unite and separate world citizens, students develop global competencies, skills, and understanding to make sense of the highly integrated and interdependent world in which we live today, and to take action in it as global citizens.
GST402	Global Studies Seminar	Political Science	UG	GST402- In the final year of the GST Minor students undergraduate studies, this capstone seminar provides the opportunity to take stock of the coursework and experiences obtained through the GST Minor, by exercising their critical thinking and communications skills through a select set of classic and current readings, to integrate, synthesize, and apply the concepts, theories and information they have learned to current and evolving world scenarios. Concurrently, students elaborate, propose, research, write and present an individual final Global Studies project.
PSC350	Constitutional Law I: Government Institutions: Power and Constraints	Political Science	UG	PSC350- Con Law I provides substantial engagement with the Peace, Justice, and Strong Institutions goal. Con Law I is focused on the separation of powers and relations among national political institutions.
PSC352	Constitutional Law II: Civil Liberties and Civil Rights	Political Science	UG	PSC352- Provides substantial engagement with the Peace, Justice, and Strong Institutions goal. Con Law I is focused on the separation of powers and relations among national political institutions. Con Law II is focused on civil liberties and civil rights, which includes competing applications of principles of justice under the law.

PSY375	Abnormal	Psychology	UG	PSY375- A study of the description, etiology, and treatment of the spectrum of psychological disorders among different populations.
PSY410	Research	Psychology	UG	PSY410- Special research projects, reports, and readings in psychology.
PSY546	Advanced Systems Analysis	Psychology	G	PSY546- Systems analysis applied to the design, implementation and management of human performance systems within organizations. Students are assigned to consulting teams and apply systems analysis concepts and tools to organizational issues. The analysis focuses on three organizational levels: the organization as a total operating system, the process within the greater system and the job/performer functions comprising the process.
PSY714	Child & Family Therapy	Psychology	G	PSY714- This course provides graduate-level psychologists-in-training an opportunity to build the knowledge foundation needed for conducting therapy with families and youth. We will cover theory, research, and ethical considerations that are relevant to providing professional psychological care for youth and families with diverse backgrounds and psychological needs. The course also facilitates application of evidence-based practice by coaching targeted clinical skills. The overarching goal of the course is for students to cultivate an evidence-based orientation to practice (APA Task Force on Evidence-Based Practice with Children & Adolescence, 2008) for conducting psychotherapy with children, adolescents, and their families to improve health and wellbeing outcomes.
PSY731	Supervision	Psychology	G	PSY731- For students working in the WCU Community Mental Health Clinic. This course provides face-to-face, individual supervision with a member of the WCU Clinical Psychology faculty. By working closely with their supervisors, students will develop their assessment and psychotherapy skills, will learn appropriate professional conduct, and

				will develop into ethical and effective mental health practitioners.
PSY781	Ecological Contexts of Trauma	Psychology	G	PSY781- This psychology course Clinical psychology often focuses on psychopathology as located within the individual. Yet Bronfenbrenner's Ecological Model of human development directs our attention to additional layers of the ecological system, including those proximal to the individual and those more distal. Consideration of ecological context is important in the case of psychological trauma, understood to be the individual, internal psychological distress that occurs in response to an external event.
DPA702	Public Management And Governance	Public Policy & Administration	G	DPA702- This course focuses on the key internal and external factors that drive strategic management and governance within the public sector. Issues related to the management of human capital in cooperation, collaboration, strategic planning, and performance measurement within and among organizations are explored.
DPA703	Advanced Public Sector Economic and Financial Decision Making	Public Policy & Administration	G	DPA703- This course trains students on the use of economic and financial management tools and theories to evaluate the impact of public policies and fiscal decisions. Emphasis is placed on the application of economic and budget theory to financial decision making in the fields of public administration, and policy. Particular attention is paid to economic and budgetary functions, including: control, management, planning, policy, and collaboration.
PPA503	Budgeting and Finance	Public Policy & Administration	G	PPA503- This course introduces students to the principles and procedures of public budgeting and finance. Emphasis is placed on the budgeting process.

PPA514	American Public Policy	Public Policy & Administration	G	PPA514- Survey of literature; examination of approaches; discussion of concepts and issues in the field of American politics and policy processes.
SED331	Teaching Secondary Social Studies Methods	Secondary Education	UG	SED331- Methods and materials of teaching social studies for prospective secondary school teachers. Emphasis is on combining educational theory with social studies content for effective teaching. Course emphasizes exercises and practical application in the field experience.
SED392	Teaching Writing	Secondary Education	UG	SED392- This course introduces students to seminal theorists in education and the writing process. It provides opportunities to write in a variety of genres and for a variety of purposes and audiences required by most English/language arts curricula. It provides students with the opportunity to design their own writing lessons. The classes are designed to model and teach about writing and writing pedagogy as it relates to the upper elementary and middle school classrooms.
SED411	Student Teaching	Secondary Education	UG	SED411- A semester long, full-time field experience. The student teacher assumes increasing responsibility in the classroom, as demonstrated by effective methods for the planning, delivering, and reflecting on instruction. Weekly seminars are required.
SED412	Student Teaching Internship Second Half	Secondary Education	UG	SED412- A semester long, full-time field experience. The student teacher assumes increasing responsibility in the classroom, as demonstrated by effective methods for the planning, delivering, and reflecting on instruction. Weekly seminars are required.

SED570	Teaching And Learning In Secondary Science And Mathematics 1	Secondary Education	G	SED570- The objective of this course is to give you the skills, techniques, and dispositions required to be an effective secondary science or mathematics teacher. This course will discuss research-based effective strategies for teaching, such as orchestrating discussion, writing learning progressions, formative assessment, growth mindset oriented teaching strategies and the use of technology across mathematics and science content. Particular emphasis will be given to teaching the more overarching concepts in each of these areas as well as making connections between topics and between courses. Emphasis will be placed on developing the thinking skills of high school students relevant to their cultural, social, and racial backgrounds.
SED571	Teaching and Learning in Secondary Science and Mathematics II	Secondary Education	G	SED571- The objective of this course is to give you the skills, techniques, and dispositions required to be an effective secondary science or mathematics teacher. This course will continue to build your capacity to implement research-based effective strategies for teaching, such as productive struggle, culturally relevant content pedagogy, uses of mathematics and science in society and the use of technology across mathematics and science content. Particular emphasis will be given to teaching the more overarching concepts in each of these areas as well as making connections between topics and between courses. Emphasis will be placed on developing the thinking skills of secondary students relevant to their cultural, social, and racial backgrounds.
SOC100	Fundamentals of the Sociological Perspective on Human Behavior	Anthropology and Sociology	UG	SOC100- This course introduces students to the sociological study of society. Sociology focuses on the systematic understanding of social interaction, social organization, social institutions, and social change.

EDA333	Teaching Young Children with Disabilities	Special Education	UG	EDA333- This is a methods and field course that focuses on building skills in working with preschoolers with disabilities. The course covers curricula, instructional strategies, and classroom environments that facilitate development and learning for young children 3-5 years old with disabilities. For this course, 3 credit hours will consist of instructor lecture of course content and 3 credit hours will consist of a minimum of 40 hours in the field, which provides students with the opportunity to apply content through observations and interactions with professionals, families and children, ages, 3 to 5 years old with regular observations completed by the course instructor.
EDA416	Student Teaching Supervision	Special Education	UG	EDA416- Student Teachers worked to develop and implement lessons that would meet the cognitive, emotional, and social needs of each student. Student Teachers lessons provided the students the academic, social, and emotional support and materials to meet each student's needs.
EDA416	Student Teaching	Special Education	UG	EDA416- Student Teachers worked to develop and implement lessons that would meet the cognitive, emotional, and social needs of each student. Student Teachers lessons provided the students the academic, social, and emotional support and materials to meet each student's needs.
EDA417	Student Teaching for Exceptional Learners	Special Education	UG	EDA417- Student Teachers worked to develop and implement lessons that would meet the cognitive, emotional, and social needs of each student. Student Teachers lessons provided the students the academic, social, and emotional support and materials to meet each student's needs.
EDA417	Student Teaching	Special Education	UG	EDA417- Participation in teaching and all other activities in the student teaching role related to the teacher's work.
EDA417	Student Teaching	Special Education	UG	EDA417- Participation in teaching and all other activities in the student teaching role related to the teacher's work.

EDA421	Curriculum and Instruction for Individual Learning Differences II and Field	Special Education	UG	EDA421- This course and field is designed to prepare students to assist children with disabilities achieve skills in academics and functional life domains. Emphasis is placed on understanding and analysis of learning problems, and the design, plan and implementation of instructional interventions.
EDA475	Assessment & Instruction II	Special Education	UG	EDA475- Teaches UG instructional procedures for students in PreK-12 schools with autism spectrum disorders to make progress in their educational program
EDA380/514	Transitions I	Special Education	Both	EDA380- a course in the special education department. This course is designed to have the perspective teacher build their knowledge about two key concepts of Transition Services and programming: systems and programming. They will then learn about the sequential process to follow when developing an Individualized Education Program, focusing specifically on Transition Services, starting with learning about Transition assessment tools, planning, delivery, and analysis, collaborating with key stakeholders and interagency providers, parents/guardians, and students, and addressing critical transition needs through implementation of service and activities, instructional strategies, related services, and specially designed instruction that promote post-school success.
EDA414/515	Middle/Secondary Career Development and Transition	Special Education	Both	EDA414- Addresses support structures that serve students with disabilities as experience horizontal and vertical transitions throughout the PreK-12 years, and to adult life, stressing the assessment planning, instructional strategies that promote career development, and curricular delivery process. Attention will be given to curricular benchmarks and standards, and how functional outcomes interact with those benchmarks and standards.
FYE100	First Year Experience	Theatre and Dance	UG	FYE100- Contained a focus on sustainability (unit)

THA101	Spotlight On Theatre	Theatre and Dance	UG	THA101- The class is an overview of theatre, how it is created, its value in our world and including a brief overview of theatre, how it responds to society and how it is shaped by society.
THA306	Theatre History I	Theatre and Dance	UG	THE306- Examination of plays, players, and methods of theatrical production from English Renaissance to 1875.
THA307	Theatre History II	Theatre and Dance	UG	THA307- Examination of plays, players, and methods of theatrical production from Modern Theatre 1875 to 1900 through Contemporary Theatre 1975-Present.
SWO200	Introduction To Social Welfare	Social Work - Undergraduate	UG	SWO200- As one of the focus areas of the course, the course introduces students to the concept of sustainability. Specifically, it integrates the United Nations Sustainable Development Goals (17 Goals to Transform Our World), with the purposes and mission of the social work profession at micro, mezzo and macro levels. Students are encouraged to examine their views, biases and use of all resources. The course challenges students to examine stewardship in a world with limited resources. It provides students an opportunity to recognize connection: between conservation and waste, poverty and wealth, care for the environment and care for each person and culture
SWO395	Junior Seminar	Social Work - Undergraduate	UG	SWO395- Junior Seminar occurs concurrently with the first semester of the field internship experience. Professional learning is an accumulative & integrative process; each student is responsible for mastering this process. Throughout this seminar, you will have the opportunity to put into practice much of the classroom learning accumulated over the past semesters. Junior Seminar will provide you with the opportunity to analyze, discuss & comment on your own work & the work of your peers. You will enhance understanding & experience the meaning of professional use of self. Through discussions of client cases &

				via your internship sites, you will learn about different settings. As you & your peers present & define your work with clients (including multiple system levels) the knowledge, skills & values of social work will be illuminated through your practice experiences in field.
WOS225	Intro To Women's And Gender Studies	Women's & Gender Studies	UG	WOS225- This is an interdisciplinary course that is designed to enable students to analyze the lived experiences of women, to evaluate the impact of gender, to question the implications of changing cultural patterns, and to sample first-hand efforts for social change.
WOS225	Intro to Women's and Gender Studies	Women's & Gender Studies	Ug	WOS225- This course examines the body as a contested site of both pleasure and oppression. Considerable focus will be placed on the impact of culture on our understandings of the body, including ideas about gender, race, and sexuality. Students of all genders will be encouraged to explore how their own body image has been shaped by social norms that are simultaneously accepted and resisted. This course thereby provides an opportunity to question a variety of norms surrounding the body, including ideas about beauty, size, shape and ability.

WOS306	Transnational Feminisms	Women's & Gender Studies	UG	<p>WOS306- This course critically engages a range of transnational feminist theories, movements, and praxis to analyze structures of power shaping people's lives in global contexts. The course seeks to decenter a body of feminist scholarship that often assumes shared visions of gender equality. Such studies conceptualize gender issues and concerns through a Eurocentric/colonial viewpoint by overlooking differences among people with respect to race, class, sexuality, and nationality. Course readings explore the ethics of cross-cultural knowledge production, activism, warfare, commodification of women's bodies, sexualities, and local resources. The main goals of the course are to expose students to a broad range of feminist thought and action and locate transnational feminist theories in relation to colonial and post-colonial narratives. It urges students to examine their own positions within global systems that connect the (often uneven) exchange of persons, capital, and ways of knowing.</p>
WOS306	Transnational Feminisms	Women's & Gender Studies	UG	<p>WOS306- This course explores current issues and debates relating to the gendered effects of globalization and women's political responses to it. It re-conceptualizes the relationship between women and nation; between gender and globalization; and between feminist theory and practice.</p>
WOS310	Feminist Activism	Women's & Gender Studies	UG	<p>WOS310- Although often misrepresented or ignored, women were and continue to be active in a wide range of social justice movements. This course focuses specifically upon women activists in the United States and their resistance to structural inequalities based upon gender. In addition to social justice movements focused on sexism, this course uses intersectional theory to recognize the feminist value of women who work against racial,</p>

				economic, sexual, and other oppressions.
ART306	Drawing III	Art + Design	UG	ART306- This class will introduce the student to a variety of considerations involved in drawing from the human figure. Beginning with an objective analysis of the figure's structure and an emphasis on observational drawing technique, we'll proceed to a more subjective, empathetic view of the figure, where your personal vision, experience, and expression will come into play. Throughout the course we will stress perceptual (observational), formal (line, value, etc.), and interpretive skills, as well as the abstract elements of composition, shape, rhythm, etc. involved in a successful drawing of any kind.
ART307	Drawing IV	Art + Design	UG	ART307- This class will continue the advanced student's investigation into a variety of considerations involved in drawing from the human figure. Beginning with an objective analysis of the figure's structure and an emphasis on observational drawing technique, we'll proceed to a more subjective, empathetic view of the figure, where your personal vision, experience, and expression will come into play. Throughout the course we will stress perceptual (observational), formal (line, value, etc.), and interpretive skills, as well as the abstract elements of composition, shape, rhythm, etc. involved in a successful drawing of any kind.
CSD163	Seminar in Communicative Disorders	Communication Sciences and Disorders	UG	CSD163- The seminar is designed to help integrate experiential and theoretical information. The seminar will focus on career/professional awareness, orientation to the department, and individual studies.
CSD166	Seminar in Communicative Disorders	Communication Sciences and Disorders	UG	CSD166- The seminar is designed to help integrate experiential and theoretical information. The seminar

				will focus on personal adjustment, assertiveness, and active listening.
CSD203	Speech and Hearing Science	Communication Sciences and Disorders	UG	CSD203- This course presents students with the fundamental knowledge of acoustics related to speech production and speech perception. It also provides an opportunity for students to engage in laboratory experiences related to acoustic and psychoacoustic measurement.
CSD363	Seminar in Communicative Disorders	Communication Sciences and Disorders	UG	CSD363- The seminar is designed to help integrate experiential and theoretical information, focusing on principles and applications of counseling.
CSD366	Seminar in Communicative Disorders	Communication Sciences and Disorders	UG	CSD366- The seminar is designed to help integrate experiential and theoretical information, focusing on professional resources and the legal, ethical, and political responsibilities of the professional.
CSD498/SLP598	Interprofessional Education and Practice with Cultural and Linguistic Diversity	Communication Sciences and Disorders	UG	SLP598- Workshop in Communicative Disorders - Interprofessional Education and Practice with Cultural and Linguistic Diversity
EXS381	Exercise Assessment and Prescription	Kinesiology	UG	EXS381- Designed to prepare students to assess the physical fitness levels of healthy but sedentary adults and prescribe individualized exercise programs.
EXS484	Adult Fitness	Kinesiology	UG	EXS484- This course provides students with practical knowledge in organizing, managing and implementing adult fitness. Students will get hands on experience in the following areas: personal training, program design, leading group exercise classes, retention, liability protection, facility safety, facility design, budgeting, and promotion and marketing. Special emphasis is placed on standards and guidelines set forth by the American College of Sports Medicine (ACSM), and the National Strength and Conditioning Association (NSCA).

HIS151	US History to 1865	History	UG	HIS151- A comprehensive history of the United States from 1865 to the present, examining the economic, political, and cultural development of American society, and the evolution of American foreign policy.
SLP456	Interprofessional Simulation	Communication Sciences and Disorders	UG	SLP456- The primary objective of this course is to examine the interrelationship of various healthcare professions through simulation activities. In this course, students will examine the knowledge, skills, and attitudes needed to establish effective teamwork across healthcare disciplines. Teamwork has been found to be one of the key initiatives within patient safety that can transform the culture of healthcare delivery. Patient safety requires effective communication and other teamwork skills to deliver quality healthcare and to prevent medical errors, patient injury, and harm. To address this, health sciences students will explore a team-based, interdisciplinary, integrative approach to healthcare delivery through online self-study, simulation, debriefing, and self-reflection. Speaking emphasis skills will be assessed during performance of case presentations in simulations and analytical oral interpretations of the performance in debriefing. Students will examine strategies that enhance collaboration, communication, and patient safety, leading to integration of various perspectives into a unified framework of healthcare delivery.
SLP560	Seminar in Speech-Language Pathology: Cultural and Linguistic Diversity Issues in Speech-Language Pathology: A Virtual Study Abroad	Communication Sciences and Disorders	UG	SLP560- Selected theoretical and clinical areas of speech pathology and related disciplines. Topics vary each semester according to research developments and student needs.

ANT102	Intro to Cultural Anthropology	Anthropology and Sociology	UG	This course covers topics that include the social effects of poverty, gender inequality, consumerism, and clean water and sanitation.
ANT/PSY230	Intro to Primatology	Anthropology and Sociology	UG	This course covers topics that include anthropogenic effects on the environment and primate conservation."
ART350	Global Art + Design	Art + Design	UG	Two week integrated study abroad program created for Graphic + Interactive Design and Anthropology students to further their academic achievements, develop intercultural understandings and acquire life skills in a global setting.
BIO217	General Zoology	Biology	UG	Situated in a prime Scandinavian region, students explored the cultural impact of the ideas of mid- 20th century Scandinavian design and applied the ""less is more"" principles to an interactive exhibit that explored Denmark's current status as leaders of sustainable initiatives. Informed by their unique history and cultural traditions Denmark is designing for" not reacting to" the current climate crisis. As an innovator in the fields of sustainability, architecture, and positive psychology, Denmark offered a variety of unique experiences and stories for the students to explore and share.
BIO270	Ecology	Biology	UG	For the culminating project students collaborated and fabricated on an immersive exhibit: ""Copenhagen, Sustainable by Design"" on display in the WCU Knauer Gallery from Oct 1-Nov1. "
BIO468	Comparative Vertebrate Physiology	Biology	UG	Comparative physiology of fishes, amphibians, reptiles, birds and mammals, with emphasis on organ-based homeostatic regulatory mechanisms.
COM399	Independent Study (Corporate Social Responsibility)	Communication Studies	UG	This independent study will explore the topic of consulting in organizations related to corporate social responsibility. The student will explore key texts and complete written assignments reacting to readings and the practice of

				consulting and CSR."
COM508	Corporate Social Responsibility	Communication Studies	G	A comprehensive examination Corporate Social Responsibility as related to organizational communication and organizational reputation.
CRJ210	Theories of Crime and Delinquency	Criminal Justice	UG	This course is a survey of the historical and contemporary attempts to explain the phenomena of crime and criminal behavior from the perspectives of sociology, psychology, economics, biology, and law. Emphasis will be placed on contemporary theory and the analysis of evidence supportive of various theoretical positions.
CRJ318	Environmental Crime	Criminal Justice	UG	This course is an examination of crimes against the environment and crimes that impact the environment. The history of environmental crime, its investigation, and its prosecution will be studied, as well as most current developments in this area of study. The course will also address the global impact of and response to environmental crime.
CRJ522	Corporate and Financial Crime	Criminal Justice	G	This course facilitates the study of complex and significant areas of economic crime, better known as ""white collar crime"". Examples of these types of crimes include: insider trading, fraud against the government, corruption of public funds be elected or appointed officials, bid rigging, and unethical industry practices such as ""off-labeling"" of pharmaceuticals. Basic statutory laws, including the Sherman Anti-Trust Act, will be reviewed.
CRJ555	Topical Seminar: Environmental Offending	Criminal Justice	G	This course is an examination of crimes against the environment and crimes that impact the environment based on case studies. The history of environmental crime, its investigation, and its prosecution will

				<p>be studied, as well as most current developments in this area of study. The course will also address the global impact of and response to environmental crime.</p>
DAN300	Controversial Bodies: Visions of Beauty	Theatre and Dance	UG	<p>Controversial Bodies: Visions of Beauty will foster a discussion of bodily beauty across the multiples fields of theater, dance, history and sociology. In creating a course that holds these two physical markers, the body and beauty, at its core, a space can be filled within the university's curriculum where central to the course is the notion that the body is a social and cultural entity and that, markers of bodily beauty are constructed differently across various cultures and time periods. In particular, Controversial Bodies: Visions of Beauty, examines how figures in the performing arts have pulled the make-up of beauty in opposite directions, reinforcing or subverting the norms of what is socially and politically acceptable, playing with nudity, androgyny and ugliness, and rewriting the markers of beauty in terms of race, gender, age and bodily type.</p>
DAN380	Cuban Rumba: Cultural Identity	Theatre and Dance	UG	<p>This course is a theory and practice course, designed for students interested in exploring the layered social and cultural history of Cuba, through the lens of its national dance, the rumba. Cuban rumba is made up of three different dances: guaguanco, yambu, and columbia; which this course will focus on embodying, while simultaneously examining its history and place within society. Inside the theoretical conversations, the focus will shift and build from its African and Spanish lineage to social repression on the island, architecture as a container for community and performance, gender agency, and cultural identity appropriation.</p>

ECO334	Labor Economics	Economics and Finance	UG	This course explores the workings of and impacts of the labor market. Topics include an understanding of how the basic model of supply and demand operates within the context of the labor market (which is a largely unique market in this regard), discussing the effects of minimum wage laws on (un)employment, understanding the related markets for education and worker training, exploring the degree to which labor market discrimination exists in today's society and the impacts of such discrimination (on workers, firms, and society as a whole), the impact of immigration (both legal and illegal) on labor markets and the economy more broadly, and the history, role, and effects of labor unions in today's labor market. Many of these issues relate to economic and social sustainability, though there is little mention of environmental sustainability."
ECO370	The Economics of Health Care	Economics and Finance	UG	Covers health systems (access to care, quality of care, cost of care) as well as externalities such as pollution vs. clear air."
EDP250	Educational Psychology	Secondary Education	UG	A course in the professional education core for teacher preparation. It provides an overview of theory and research in educational psychology that emphasizes application in the classroom. The focus of the course is on "knowledge of the learner", so that you as a future educator can design your teaching to best facilitate learning for all students. This includes students from culturally diverse backgrounds, students with special needs, and ELL students.

EDP570	Cognition and Transformation	Secondary Education	G	Designed to provide an overview of educational psychology and developmental theories as they relate to critical pedagogy and education for transformation. Students will analyze, critique, and apply relevant theories from cognitive and developmental psychology, as well as related areas such as neuroscience, physiology, and sociology. Larger societal issues will also be considered, as they impact and/or are informed by principles of cognitive and developmental psychology. Students' research and written work in this course will contribute to their ongoing development of a master's level critical action research proposal."
EDR200	Literacy, Diversity, and Equity in K-12 Classrooms	Literacy	UG	Focuses on critical literacy pedagogies in K-12 classrooms, inclusive of literacy as a tool to understand sociopolitical issues and take action for a more just world.
EDR317AND318	Literacy Practicum	Literacy	UG	6 credit Literacy Practicum course. My section is located in Philadelphia and focuses on high quality, student-centered literacy education. Students are placed in classrooms where teachers are facilitating year-long student-led social change projects. This section has a strand of inquiry focused on educational equity and advocacy as a teacher. "
EDR345	Literacy Development and Students in Inclusive Classrooms	Literacy	UG	This course is designed to help students understand literacy acquisition and development for students with disabilities as defined in I.D.E.A. The course will focus on the challenges that reading and writing pose for students with disabilities and resulting appropriate assessment and instructional techniques. Content area literacy for students with disabilities will be addressed.

EDR519	Issues of Diversity in Literacy Education	Literacy	G	Issues of Diversity in Literacy Education, graduate students consider the role of the literacy professional as a school-based leader, advocate, and ally for diversity and equity. Students analyze a wide breadth and depth of issues that impact the literacy access and achievement of young people, with a specific focus on historically marginalized young people, their families, and their communities. While sustainability is not a core goal of the course, sustainability issues definitely intersect with equity issues in this course.
EGP/MGP410/411	Field Seminar for Student	Early and Middle Grades Education	UG	A semester long, full time field experience. The student teacher assumes increasing responsibility in the classroom, as demonstrated by effective methods for the planning, delivering, and reflecting on instruction. Weekly seminars are required. Field clearances required.
ENG295	Histories and Texts	English	UG	Includes a section that contextualizes Carson's "Silent Spring" and looks at its influence. This is a multi-section class, and so only my section(s) would include this unit.
ENG368	Business and Organizational Writing	English	UG	This writing intensive course examines the nature of communication and written genres within businesses and non-profit organizations. We also spend a large part of our semester reading about, writing about, discussing, and educating ourselves on the role of diversity and inclusion in the workplace, especially for BBIPOC."
ENG550	History, Form, and Ideology	English	G	Second half of class is focused on works of environmental literature and film within their historical contexts: Abbey's "Monkey Wrench Gang," Gearhart's "Wander ground," and Disney's "Pocahontas." This is a multi-section class, and so only my section(s) would include this unit.
ESS101	Intro to Geology	Earth & Space Sciences	UG	The earth's composition and history; the processes that occur on and within the earth.

ESS170	Introduction To Our Atmosphere	Earth & Space Sciences	UG	Why is the sky blue? What will the weather be tomorrow? What makes tornadoes? How did the ozone hole develop? What is the greenhouse effect? This class will use these questions and others to investigate the basic physical processes that determine the weather and climate on earth.
ESS321	Geometrics	Earth & Space Sciences	UG	Earth & Space Sciences, takes a data exploratory and data visualization approach to complexity in earth systems, and is an antidote to the relentlessly reductionist perspective of traditional science and statistics courses. Through increased awareness and the ability to see complexity in data, students become aware of unsustainable modes of data interpretation. Because part of the course content is purely geologic or technical I consider this course to include sustainability, not focus on it.
ESS336	Environmental Geology	Earth & Space Sciences	UG	Earth & Space Sciences takes a systems perspective on aspects of earth systems accessible to study by geoscientists. Key study areas include hazards and risk, hydrologic systems and water resources, and energy resources and climate change. Because part of the course content is purely geologic or technical I consider this course to include sustainability, not focus on it.
ESS343	Geomorphology	Earth & Space Sciences	UG	Constructional and degradational forces that have shaped present landforms and are constantly reshaping and modifying landforms. Interpretation of geologic and topographic maps; field studies.
ESS344	Climatic Geomorphology	Earth & Space Sciences	UG	A continuation of the study of earth surface processes. Interpretation of topographic maps and air photos.

ESS521	Geometrics	Earth & Space Sciences	G	Earth & Space Sciences, takes a data exploratory and data visualization approach to complexity in earth systems, and is an antidote to the relentlessly reductionist perspective of traditional science and statistics courses. Through increased awareness and the ability to see complexity in data, students become aware of unsustainable modes of data interpretation. Because part of the course content is purely geologic or technical I consider this course to include sustainability, not focus on it.
ESS536	Environmental Geology	Earth & Space Sciences	G	Earth & Space Sciences takes a systems perspective on aspects of earth systems accessible to study by geoscientists. Key study areas include hazards and risk, hydrologic systems and water resources, and energy resources and climate change. Because part of the course content is purely geologic or technical I consider this course to include sustainability, not focus on it.
ESS547	ESS Seminar	Earth & Space Sciences	G	Weekly seminar course featuring guest lectures by geoscience professionals, prominent scientists, faculty, and students. Each week students will read professional literature, attend and participate in the lecture, and write a summary and/or analysis of each seminar.
GEO103	Human Geography	Geography and Planning	UG	The goal of the course is to provide you with an understanding of the basic principles of human geography and apply those principles to the study of global interactions. The course emphasizes the global physical environment focusing on the interaction of resources and cultural variables such as population patterns, language, religion, social customs, economic and political development.
GEO302	Geography of Latin America	Geography and Planning	UG	Central and South America are studied with emphasis on geographic understanding of the major sources of change in recent times. The course focuses on selected individual

				countries in addition to presentation of the region as a whole.
GEO544	Geography of Latin America	Geography and Planning	G	Central and South America are studied with emphasis on geographic understanding of the major sources of change in recent times. The course focuses on selected individual countries in addition to presentation of the region as a whole.
HEA110	Transcultural Health	Health	UG	HEA 110 focused on improving access to health care for minority groups, addressing health disparities and inequalities.
HEA632	Social and Behavioral Aspects of Public Health	Health	G	The purpose of this course is to provide a thorough discussion of the determinants of health-related behavior, health behavior theory (HBT), and how theory can be utilized in public health research and practice. The theoretical underpinnings of the most relevant explanation, planning, change and evaluation theories will be reviewed and illustrated with examples of the application of these models to health promotion and disease prevention with individuals, groups, and communities. Cultural and socioeconomic factors that influence the application of theory will also be discussed."
HIS451	Women in America	Secondary Education	UG	HIS 451 focused on the history of activism towards women, gender, racial, class, and ability equality. We compared Climate Change activists' goals and methods with those of other movements over time.
HON212	Moral Choice in Technological Age	Honors College	UG	Survey of major ethical theories from ancient to contemporary [Blue River Declaration] as well as cross-cultural with areas such as environmental ethics, social justice, gender equality, distributive justice, deliberative communities, and the reduction of inequality included. Student collaborations to design non-profit organizations to address ethical problems, particularly those generated by new technologies.

HRM602	Employment and labor	Management	G	Service-learning is about both serving and learning; thus, learning from the process is equally important to serving the community. A service-learning project must address an actual need in a specific community. The community should be given some opportunity to identify that need and shape the project, so that the project is welcomed and not perceived as patronizing. A service learning project should be sustainable and have a lasting impact on the community being served (for instance, by empowering members of that community to help themselves, by addressing the underlying causes of the need, and so on).
INB469-01	International Management Seminar	Management	UG	Study of issues confronting executives as they plan, organize, staff, and control a multinational organization. Lectures, case analyses, and outside projects with local firms engaged in, or entering, international business will be utilized.
JRN200	Introduction to Journalism	English	UG	Introduction to Journalism course focusing on current major areas of reporting many of which cover sustainability inclusive subjects.
JRN315	Magazine Article Writing	English	UG	Magazine article writing course in which student write feature articles many of them addressing sustainability related issues."
MBA603	Global operations and supply chain management	Management	G	In our increasingly interconnected and interdependent global economy, the process of delivering finished goods, services, and supplied from one place to another is accomplished by means of mind-boggling technological innovation, clear new applications of old ideas, seemingly magical mathematics, powerful software, and old- fashioned concrete, steel, and muscle. This course is about doing this at low cost while meeting the requirements of demand customers. The goal of this course is to introduce you to basic operations and supply chain concepts so you understand how things should be done and the importance of

				these functions to the success of the firm.
MBA605	Business, Society and Environment	Management	G	This course focuses on how the business enterprise relates to, and is influenced by, social, political, technological, and cultural trends in the society in which the business organization operates. Many MBA courses are narrowly focused on a specific aspect of successfully operating a profitable business. This course widens the field of view to examine the large-scale societal forces which create the environment within which you will be managing your enterprise. This course takes the perspective that you cannot ignore these societal forces because they substantially shape the range of business strategies that you can deploy in your struggle to insure the long-term profitability --and indeed, survival--of your company."
MDC252	Media Writing	Communication Studies	UG	This course provides a survey of mass media formats and writing techniques, including print, social media and public relations. This course is designed to enhance the appreciation for media professionals as well as provide an understanding of the basic techniques media writers use to inform and adapt their messages to a specific audience. The course discusses considerations of gender, inclusivity and equity as part of the discussion on media writers' responsibilities.

MDC253	Media Literacy	Communication Studies	UG	Media literacy is a way of critically thinking about modern media: a way of analyzing media messages to gain control over them: understanding their economic, theoretical and ideological influences; mastering control over the psychological tricks embedded throughout modern technologies; and creating new messages as members of our social information society. In this course, we will explore the effects and influences of mass media and communication on us and in society to become increasingly media literate. The course discusses gender, race, socioeconomics, psychographics, etc. and their current and historical effects on modern culture."
MGT341	Operations and Product Management	Management	UG	MGT341, Production and Operations management, aims to provide all Business Administration graduates with an overview of operations and supply chain related activities in a firm. Operations are related to the process by which people, capital, and materials (inputs) are combined to produce these goods and services (outputs). While basic concepts, principles, and techniques of production and operations management are introduced, emphasis is given both to familiarization of various production processes and service systems and best practice in the industry (e.g. sustainability, technology, etc.).
MGT431	Human Resource Management	Management	UG	Included diversity and sustainability of business situations. From recruiting to business ethics these topics were important to convey for the students future business endeavors. Decent work and economic growth are covered as part of these courses also.

MGT433	Compensation	Management	UG	This course examines the development and implementation of compensation systems in organizations. Topics covered include compensation philosophies; economic and social factors affecting compensations plans; pay surveys; pay equity; and specific types of financial and non-financial compensation and benefits.
MGT498	Seminar in Management	Management	UG	Students are engaged in reading and research on current developments in management. Research project is required to help expand and deepen the horizons of the participants.
MKT250	Principles of Marketing	Marketing	UG	This course facilitates an understanding of key marketing strategy concepts and frameworks in order to engage effectively cross-functionally, globally, and in diverse environments, to keep markets and their unique needs top-of-mind in decision-making processes, and to drive successful business performance. You will learn to evaluate, develop, implement, and upgrade marketing plans, and to understand marketing's connection to the other functions. Assorted career opportunities in industry are also discussed.
MKT360	Marketing Research	Marketing	UG	Systematic definition of marketing problems, strategies for data collection, model building, and interpretation of results to improve marketing decision making and control.
MKT490	Social Media Marketing	Marketing	UG	Special topics in marketing not covered under existing, regularly offered courses.
NSG311	Care of the Childbearing Family and Community-Based Care	Nursing	UG	Focuses on community-based health care that includes environmental health components and public health concepts."
NSL411	Psychiatric Nursing Laboratory	Nursing	UG	Clinical experiences are provided in acute care psychiatric in-patient and in medical surgical settings.

NTD301	Consumer Nutrition	Nutrition	UG	<p>This course explores the ever-changing frontier of nutrition science and confronts nutrition mysteries and emerging controversies. Practical tips and flexible guidelines to assist consumers in choosing nutritious, flavorful foods to match personal needs, preferences, and lifestyles are discussed.</p> <p>Emphasis is placed on methods of evaluating nutrition-related literature and claims, and interpretation of data and scientific studies relevant to nutrition.</p>
NTD303	Princ of Human Nutrition	Nutrition	UG	<p>This course introduces students to the biochemical, physiological, and microbiological basics of human nutrition. Topics include the scientific method; dietary guidelines; digestion, absorption, metabolism, and use of carbohydrates, lipids, and proteins; food sources and functions of vitamins and minerals; and the relationship between nutrition and health.</p>
NTD304	Global Nutrition	Nutrition	UG	<p>Global Nutrition-teaches about global nutrition issues with a focus on social and environmental drivers and origins--from hydrofracking to ultra-processed foods and NCDs linked to the global nutrition transition to health and food impacts of global climate change.</p>
NTD408	FOOD SCIENCE	Nutrition	UG	<p>Generally the course is an overview of food processing technologies. I have dedicated three weeks of the class to sustainability.</p>
NTD415	Community Nutrition	Nutrition	UG	<p>Community Nutrition is a requirement for nutrition majors with a focus on vulnerable populations, the emergency food relief system and community food security along with programs that address these.</p>
NTD612	Nutrition and Human Behavior	Nutrition	G	<p>Nutrition & Human Behavior-graduate level class with a focus on ecological theories of human behaviors that include social drivers of behavior and origins of food security and nutrition outcomes linked to social well-being or lack of it.</p>

PHI174	Principles of the Arts	Philosophy	UG	Environmental Aesthetics including preservation of natural quiet, preservation of natural habitat, and how the arts are used to promote peace, justice and strong institutions.
PHI282	Animal Ethics	Philosophy	UG	This course examines a variety of perspectives on animals, animal treatment and animal use. Among the perspectives considered are those of several environmental ethicists. Issues discussed include eating animals and the impacts of animal agriculture on people, animals and the environment, habitat preservation, endangerment and extinction.
PHI412	Ethical Theories	Philosophy	UG	Examination of Ethical Theories including indigenous perspectives. Discussion cases include the new slavery, genocide, and the reduction of inequality.
PLN405	Planning Design Studio	Geography and Planning	UG	PLN405/605: Planning Design (Studio B). In this course, you will further develop proficiencies in site planning and urban design techniques. The overall purpose of this course is to challenge you to integrate other planning and geography coursework, prior academic work, and your own life experience and understanding of urban and suburban life in response to a real-world project that will require broad, detailed data collection and analysis, and the development and presentation of appropriate planning goals, recommendations, policies, concepts, plans and designs at either a regional, local, or site-specific scale.

PLN525	Planning History, Theory and Ethics	Geography and Planning	G	<p>This course examines current planning theories including comprehensive, incremental, advocacy, equity, radical, communicative and just city approaches to planning. The course will examine several facets of planning theory including the role of planning within a democratic society, how planning influences society and society values, new directions within the field, and finally the relationship between planning theory and planning practice. As a result, it will enable students to critically examine the purpose and contribution of planning within society as well as the role of the planner including the issue of planning ethics, professional standards and conduct.</p>
PLN528	Economic Development Planning	Geography and Planning	G	<p>The course will explore the global and national context in which local economies operate, providing a perspective and rationale for how to design economic development strategies at a local level (community, local municipality, city, and state). The class begins with an examination of larger scale economic principles (both from a neoclassical economics perspective as well as a geographic, or economics in place, perspective) and a look at the history of economic development patterns in the US, focusing on barriers to development for places and people. We will then focus on the role that the local public sector plays in generating economic development (jobs, employment, and tax base). We will consider the tools used by practitioners to implement economic development initiatives, and the role of economic development in an overall sustainable development strategy.</p>

PLN605	Planning Design Studio	Geography and Planning	G	<p>In this course, you will further develop proficiencies in site planning and urban design techniques. The overall purpose of this course is to challenge you to integrate other planning and geography coursework, prior academic work, and your own life experience and understanding of urban and suburban life in response to a real- world project that will require broad, detailed data collection and analysis, and the development and presentation of appropriate planning goals, recommendations, policies, concepts, plans and designs at either a regional, local, or site-specific scale. "</p>
PPA515	Social Equity and Public Administration	Public Policy & Administration	G	<p>Equity, often the most underdiscussed element of sustainability, is the focus of this entire course.</p> <p>This course examines the role of social equity and diversity in public policy and administration, focusing primarily on gender, race and ethnicity. Emphasis will be placed on the history of the struggle for legal equality and the current forces of institutional discrimination that still exist. Students will also learn strategies for how public managers can embrace diversity in their organizations and create a climate of cultural inclusiveness for the workforce as well as for citizens.</p>
PSC213	International Relations	Political Science	UG	<p>The course will begins by surveying the historical evolution of and major theoretical approaches to the international system. Our main goal will be to understand how these issues, global and local in nature, affect us as a nation and individuals. The issue areas to be explored include such topics as cooperation and conflict among states, international law and human rights, global economic trends, social issues, the environmental challenges and others. The course will conclude by collective quest and prognosis as to what the future holds for international politics: what issues will be relevant around</p>

				the world, whether the international system is moving toward more cooperation or antagonism, and what are the most effective solutions to these pressing questions.
PSC318	International Political Economy	Political Science	UG	This course on International Political Economy seeks as its central goal to enable students to understand the functioning of the international economic, political and social systems including an appreciation of the complex interrelationships that shape such systems, their dynamic qualities, and the theoretical perspectives and analytical skills that lead to deeper understanding.
SMD210	Psychosocial Perspectives of Sports Injury	Sports Medicine	UG	In SMD210, Psychosocial Perspectives of Sports Injury, we include several social topics on inclusivity and social equity including issues around gender, sexuality, race, socioeconomic status, etc. Department of Sports Medicine
SOC200	Introduction to Sociology	Anthropology and Sociology	UG	Fundamentals of the sociological perspective on human behavior.
SOC361	Sociology of Medicine	Anthropology and Sociology	UG	A sociological perspective on health, illness, and medical care.
SPA201	SPA 201	Languages and Cultures	UG	SPA 201 includes a chapter on environmental issues (regardless of whether I'm the professor or not, as we all use the same book). We teach students vocabulary in Spanish about sustainability and have discussions in class about environmental and social issues impacting societies
SPK208	Public Speaking	Communication Studies	UG	Development of skills necessary to understand the theory of communication as a problem-solving tool in the community. Special emphasis is on the student's

				performance as a sender and receiver of messages directed at social action."
SWO320	Generalist SW Practice I	Social Work - Undergraduate	UG	Although this is primarily a micro practice course, whenever possible, I link micro work to macro levels. This includes reminding students that there is no separation between their clients and the environment (physical, emotional, etc.). In social work education, we are trying to break down these false separations of micro/mezzo/macro and to remind students that good social work practice must intervene at all 3 of these levels. So, while the content focuses on practice, I try to make connections with them.
SWO321	Practice 2 Groups and Communities	Social Work - Undergraduate	UG	This course teaches practice theory to students studying to do social work practice with groups and communities in a variety of community agencies serving persons who are dealing with poverty, health and wellbeing, school education, gender equality, economic equality and growth, and peace and justice.
SWO332	Social Welfare and Policy Practice	Social Work - Undergraduate	UG	Intro to Social Welfare & Policy Practice (UG Social Work Dept): This course introduces students to social policy. It links policies to their impact upon populations. This includes things like who is impacted by climate change, water quality (Flint, MI) and poverty.
SWO450	Field Seminar 2	Social Work - Undergraduate	UG	This course serves to support the students in doing their field internships in the community, working with a variety of community agencies serving populations and persons who are dealing with poverty, health and wellbeing, school education, gender equality, economic equality and growth, and peace and justice.
SWO495	Senior Seminar	Social Work - Undergraduate	UG	This course is the seminar course to accompany senior capstone field experience. I integrate sustainability wherever I can link it to the curriculum. I try to present the

				content through a sustainability lens.
THA100	Theatre Survey	Theatre and Dance	UG	This class is a survey course designed to introduce students to the full range of the Theatre process including directing, performance, design, dramaturgy and management.
THA104	Stagecraft	Theatre and Dance	UG	Stagecraft, introduction to building scenery, stage lighting, and sound.
THA208	Scenery Construction and Rigging	Theatre and Dance	UG	Scene construction and rigging, upper-level course of advanced stagecraft and inclusive of over-head and ground rigging concepts
WOS100	Body Politics	Women's & Gender Studies	UG	For both WOS 100 (Body Politics) and WOS 225 (Intro to Women's and Gender Studies), (Women's and Gender Studies), we look at the relationship between gender, race, and class inequality and food deserts. Throughout the semester, we discuss the ways in which women and children throughout the global south are disproportionately impacted by climate change, and that addressing climate change is a social justice issue. Body Politics takes a more introductory look at the issues, whereas Intro to WGS does a more in-depth study.
WRH210	Multiethnic Writing	English	UG	This course focuses on understanding the role that writing plays in shaping a multicultural society. Assignments will ask students to write for diverse social contexts and will help students expand their repertoire of genres and writing strategies.
WRH301	Rhetorics of Black Americans	English	UG	This course views the language of Black America as a form of cultural expression and means of resistance to oppression in the U.S. Using historical and thematic frames, students will relate their understandings of Black linguistic and rhetorical practices to Black folks' experiences and struggles for improved social, political, and material realities.

YES250	Introduction to Youth and Community Change Work	Youth Empowerment and Urban Studies	UG	Focuses on analyzing the world through various systems of oppression, including understanding racism, adultism, classism, and cissexism and looking at issues that face urban youth through these lenses. Goals include developing dispositions of working across difference, attentive listening, and empathy.
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