

**Inventory of Sustainability-Focused and Sustainability-Related Courses
West Chester University of Pennsylvania
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This is the Spring 2024 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 2023 semester asking them to identify and describe courses they taught during the Fall 2022 semester and the Spring and Summer semesters of 2023 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 Template



Summary

Total number of undergraduate courses offered by the institution	1568
Number of undergraduate courses offered that are sustainability-focused	58
Number of undergraduate courses offered that are sustainability-inclusive	190
Total number of graduate courses offered by the institution	829
Number of graduate courses offered that are sustainability-focused	18
Number of graduate courses offered that are sustainability-inclusive	182
Percentage of courses offered that are sustainability-focused or sustainability-inclusive	18.69
Total number of academic departments that offer courses	48
Number of academic departments with sustainability course offerings	36
Percentage of academic departments that have sustainability course offerings	75.00

List of Sustainability Focused Courses

Course Title	Academic Department	Course Number	Course Level	SI or SF	Course Description
Sustainable Food Systems	Anthropology & Sociology	ANT 277	UG	SF	This course, team taught by an anthropologist and a registered dietitian, examines the interrelationship of nutrition ecology, anthropology and the political economic underpinnings of sustainable food systems.
Field School: Sustainable Food and Cultural Heritage in Perugia, Italy	Anthropology & Sociology	ANT 375	UG	SF	This is an anthropological field school in which students gain in-depth, hands-on training and experience in conducting qualitative ethnographic research at a field site, 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.
Environmental Sociology	Anthropology & Sociology	SOC 245	UG	SF	Explores environmental crises and ethical solutions from global and domestic perspectives. Covers interplay between social theories, institutions, and the environment through lectures, films, and discussions. Emphasizes cultural influences on environmental processes, population growth theories, social dynamics of sustainability, and environmental inequality based on social class, gender, and race/ethnicity. Suitable for majors and non-majors interested in sustainability and society.
Sustainable WCU & Beyond	Anthropology & Sociology	SOC 309	UG	SF	Project-based and research-driven sustainable action. Grounded in the sociological perspective, students will work together to advance sustainable initiatives at WCU and/or in the broader community.
Gender and Sexuality in Art	Art + Design	ARH 419	UG	SF	Surveys chronologically the role gender and sexuality have played in art and examines the role that art has played in both reinforcing and challenging dominant theories of gender identity. The course examines intersections between gender/sexuality and class, race, and politics represented in art through a lens of feminism and post-colonialism. Topics include pictorial constructions of femininity and masculinity, objectification of the body, patronage and the art market, gaze, colonialism, identity politics, and protest art.
Pigment Garden Internship	Art + Design	ART 415	UG	SF	Contact department for more information about this course.
Tropical Ecology and Conservation (Biology)	Biology	BIO 415	UG	SF	Explores 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. Draws on multiple fields of study including landscape, ecosystem, wildlife, and community ecology to enhance understanding of tropical ecology and conservation.
Microbial Physiology	Biology	BIO 464	UG	SF	This course 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).
Corporations and Social Impact	Communication and Media	COM 335	UG	SF	This course explores the organizational communication topic of corporations and social impact. Students will examine how corporations operate sustainably by ethically serving their stakeholders such as employees, the community, suppliers, and customers. Students will analyze and critique corporations' current efforts to communicate their aims for positive social impact. Topics covered include the history of social impact in the development of Corporate Social Responsibility (CSR), organizational communication and reputation, stakeholder communication, and global organizational sustainability efforts. Students will learn how and why corporations go beyond providing a product or service, how the organizations communicate their sustainability efforts, and how corporations navigate the conflict between profit motive and creating a positive social impact.
Organizational Communication Practicum: Sustainability	Communication and Media	COM 398	UG	SF	This course explores a specific area of study in organizational communication. Topics will be announced in advance.
Intercultural Communication Training Using Media	Communication and Media	MDC 470	UG	SF	The course teaches intercultural sensitivity through interactive workshops while demonstrating how to lead and create such workshops and integrating media as part of that.
Speech and Language Development	Communication Sciences and Disorders	CSD 204	UG	SF	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.
Cultural and Linguistic Diversity Issues in Speech-Language Pathology	Communication Sciences and Disorders	CSD 498	UG	SF	Contact department for more information about this course.
Applied Legal Studies	Criminal Justice	CRJ 560	UG	SF	The course will examine selected factual accounts of criminal law and process. Through critical examination and analysis of these cases, the student will be able to understand the practical realities of the criminal justice system, and to compare theory and philosophy with practice.
Curriculum and Pedagogy Theory Into Practice	Early Grades Preparation	EGP 532	G	SF	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

Remote Sensing	Earth & Space Sciences	ESS 435/535	UG & G	SF	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).
Principles of Macroeconomics	Economics & Finance	ECO 111	UG	SF	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.
Environmental & Resource Economics	Economics & Finance	ECO 385	UG	SF	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.
Environmental Sustainability Educ: History, Theory & Practice	Educational Foundations and Policy Studies	EDO 400/500	UG & G	SF	The development of environmental and sustainability education with emphasis on theoretical perspectives and practical applications.

Outdoor and Place-Based Education	Educational Foundations and Policy Studies	EDO 520	G	SF	School and organization-based applications of outdoor and place-based education, with emphases on experiential and authentic learning.
Climate Action for English Majors: Imagining Community (variable topic)	English	ENG 400	UG	SF	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.
Critical Writing, Special Topics: The Sixth Extinction	English	WRT 220	UG	SF	Each section will have a special topic that focuses on current (inter)disciplinary issues of importance in the humanities, arts, social sciences, and/or sciences. In these courses students will investigate, research, critique, and practice rhetorical strategies focusing on each section's topic.
Research writing: Sustainability (Special Topics)	English	WRT 220	UG	SF	Each section will have a special topic that focuses on current (inter)disciplinary issues of importance in the humanities, arts, social sciences, and/or sciences. In these courses students will investigate, research, critique, and practice rhetorical strategies focusing on each section's topic.
Humans and the Environment	ENV: Health	ENV 102	UG	SF	A study of the ability of humans to survive and maintain their life quality considering the limited resources and recycling capacity of planet Earth. Note: Only one of the following courses can be completed for credit: SCB 102, ENV 102, or ESS 102.
Industrial Hygiene	ENV: Health	ENV 452/524	UG & G	SF	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.
Environmental Health	ENV: Health	ENV 530	G	SF	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.
World Regional Geography	Geography & Planning	GEO 101	UG	SF	The scope of geography and understanding of the world's regions generated by it. Human society is examined in a frame of spatial, environmental, and resource factors. Map skills and other 'tools' of geography are introduced.
Intro Urban Studies	Geography & Planning	GEO 204	UG	SF	An examination of the breadth of urban studies from the perspectives of many social science disciplines. Philadelphia is emphasized as an object of perception, as a place of life and livelihood, and as an example of continual change in the urban environment.

The Geography of Agriculture, Food, and Sustainability	Geography & Planning	GEO 205	UG	SF	Human beings eat food daily and this necessity has led to conversion of half of the Earth's land surface to agricultural use. This course introduces students to the spatial patterns of agricultural systems on the planet, the physical geography related to them. Students will investigate the impacts of modern agriculture on the environment, and human culture and health. This will be followed by an introduction to sustainable alternatives including local small scale organic agriculture, urban gardening, and resilient diverse food cropping systems. Students will choose a region of the world to study sustainable agricultural systems and prepare a regional food dish to share with the class.
GIS for Social Justice	Geography & Planning	GEO 213	UG	SF	In this course, students will apply an ethical lens to explore maps, Geographic Information Systems (GIS), and other location-enabled technologies, with an eye towards (1) understanding the ways that they have been used (and abused) to promote inequality and (2) examining recent efforts to use GIS to combat this past and promote social justice. This course will combine readings and discussion with GIS lab activities that engage students in map-making to promote social change. Students will ultimately focus on the questions "What does justice look like?" and "How can GIS help us get there?" This is an introductory course with hands-on technology experience.
Environmental Conservation and Sustainability	Geography & Planning	GEO 230	UG	SF	An inquiry into the problems of resources protection, management and sustainability. Emphasis is placed on the United States.
Population Geography	Geography & Planning	GEO 310	UG	SF	This course examines the processes of population change (fertility, mortality, health, and migration) and the changes in population distribution and composition from the international to the local scale. In addition to a substantive study of these topics, students are introduced to the use of primary data sources, such as the US Census for demographic description and policy recommendations.
Planning for Resilient Communities and Natural Disasters	Geography & Planning	GEO 316	UG	SF	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. Geographic Information Systems will be used to understand the spatial patterns and to identify areas of high risk and vulnerability to natural disasters.
Environmental Crises	Geography & Planning	GEO 332	UG	SF	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.
Sustainable Cities	Geography & Planning	GEO 333	UG	SF	This course will explore the economic, social, and environmental dimensions of sustainable development and how they have been applied to urban development in the quest to achieve the UN Sustainable Development Goal of making cities "inclusive, safe, resilient and sustainable."
Sustainable Living	Geography & Planning	GEO 334	UG	SF	Practical solutions and innovative thinking in how students can adopt a more sustainable lifestyle personally and professionally. Three interconnected objectives of sustainability- economic vitality, environmental integrity, and social equity- will serve as core themes in the course.
Environmental Planning	Geography & Planning	GEO 336	UG	SF	Introduction to the concepts and tools of environmental planning, which include landscape form and function in planning. Applications to local and regional issues are stressed.
Environmental Applications With GIS	Geography & Planning	GEO 338/538	UG & G	SF	This course reviews the principles of cartography and GIS in terms of environmental applications. Using ESRI's and ArcGIS software, students will add environmental, political, economic, and other types of data to computerized maps to explore environmental analysis. These data will then be spatially examined and manipulated to review the process of mapmaking and decision-making.
Intro to Planning	Geography & Planning	PLN 214	UG	SF	The methods of analyzing problems of urban and regional planning. Emphasis is placed on systems of housing, recreation, transportation, industry, and commerce.

Planning History, Theory and Ethics	Geography & Planning	PLN 301	UG	SF	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.
Transportation Planning	Geography & Planning	PLN 331/531	UG & G	SF	Transportation planning is a key component of our communities and regions. This course addresses the various components of the transportation system of an urban area and the planning processes to provide transportation facilities as integral elements of the urban community. The primary geographical focus is the metropolitan area. The student will consider the various modes of the transportation system: automobile, rail, mass transit, air, water, bikeways and pedestrian components. Each mode is addressed in terms of systems elements: governance, financing, the planning process, environmental aspects and sustainability. The course is appropriate for the student new to community planning as well as the student who has focused interested in transportation planning and considerations it encompasses. The course serves as a base of career building in community planning; transportation planning; or serving as a base of knowledge for the informed citizen and user of the transportation system in a sustainable manner.
Housing in America	Geography & Planning	PLN 354/554	UG & G	SF	This course provides an overview of the physical, social, economic, and political forces that shape current housing conditions of the United States. The course introduces key concepts and institutions that influence the production, distribution, and maintenance of housing in the U.S. and other select countries. The Philadelphia metropolitan area is emphasized as a case study for understanding the implications of present and future housing plans, geography, and policies in the U.S.
Planning and Design Studio (with a theme of Climate Resilience Planning and Design)	Geography & Planning	PLN 405/605	UG & G	SF	Practical solutions and innovative thinking in how students can adopt a more sustainable lifestyle personally and professionally. Three interconnected objectives of sustainability- economic vitality, environmental integrity, and social equity- will serve as core themes in the course.
Social Work Generalist Practice II	Graduate Social Work	SWG 502	G	SF	Building on SWG 501, this course focuses on theory and practice for work with groups, including therapeutic units, families, groups within organizations, teams, and community groups. In accordance with social work values, special attention is given to diverse populations. This includes individuals, groups, and communities affected by different forms of oppression on the basis of perceived age, ability, sexual orientation, race, ethnicity, religion, and gender. Grounded in a person and environment construct, an appreciation of oppressive systems, and respect for human diversity, this course provides students with generalist knowledge, skills, and values necessary for generalist social work practice with families and groups. This course is taken concurrently with SWG 597 as a way to provide students with the opportunity to integrate their developing competencies across knowledge, values, and skills.
The Dialectic of Oppression and Liberation	Graduate Social Work	SWG 511	G	SF	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.
Specialized Social Work Practice with Communities	Graduate Social Work	SWG 542	G	SF	This 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, policy challenges by social and legal discrimination, and methods of community practice are examined.
Specialized Practice with Families	Graduate Social Work	SWG 562	G	SF	This course will explore advanced theories, models, and skills for social work practice with families (including families with children and older adults). The strengths and needs of diverse family cultures and structures will be explored. Regardless of the theoretical perspective utilized in assessing a family's strengths and needs, the students in this class will be required to consider the family a full partner in assessment and intervention, thereby empowering the family for lasting and constructive change--toward recovery and building resiliency, while mitigating the effects of trauma. The role of social workers in permanency planning, family preservation and family support services across the lifespan will be explored. Practical assessment and intervention tools arising from the major theoretical approaches will be learned experientially.
Social Work and Older Adults	Graduate Social Work	SWG 571	G	SF	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, and the 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.

Dismantling Ableism: A Critique of Disability Perspectives and Practices	Graduate Social Work	SWG 582	G	SF	This course reviews theoretical and biopsychosocial elements of culturally responsive social work practice across the lifespan with individuals with disabilities and chronic illness, their caregivers, and families. The course examines the status and position of individuals with disabilities of all ages in society, the community, and the interdisciplinary support service delivery system. Students will discuss and consider disability and chronic illness through a social justice and human rights perspective.
Health Issues of Women	HEA: Health	HEA 109	UG	SF	The needs and concerns of women as consumers in our present health care system. Various biological, psychological, and social topics will be discussed.
Global History of Slavery	History	HIS 418	UG	SF	Slavery has existed in many times and places throughout history, and it continues to exist in new forms throughout the world today. This class tackles the difficult problem of defining, recognizing, and resisting slavery on a broad geographic and temporal scale. It also seeks to unpack the moral and ethical problems posed by global slavery: what exactly makes slavery wrong, and how could so many people throughout history have condoned this institution?
Stewardship and Civic Engagement	Honors College	HON 311	UG	SF	Foundations of market and nonmarket economies as they relate to good stewardship and civic responsibility. Fusing literature and economics, the values and limitations of market capitalism and command socialism will be addressed.
Norway - Climate Ethics at the Edge of the World	Honors College	HON 320	UG	SF	Special topics involving study at an international location. Subject matter rotates and is determined by the honors director and the Honors Council through competitive submission from University faculty.
Issues of Employee Health & Wellness in the Workplace	Management	HRM 608	G	SF	This course examines the challenges facing employers dealing with issues of employee health in the workplace. Topics include: mandates under the Americans with Disabilities Act; the Family and Medical Leave Act; the Genetic Information Non-Discrimination Act; the Affordable Care Act; Workers' Compensation laws; short and long-term disability; wellness programs; medical examinations and drug testing. This class is delivered in an online format, and includes video lectures, readings and discussion boards.
Business, Society & Environment	Management	MBA 605	G	SF	This course provides an overview of how major trends in the world economy, social issues, political, legal and ethical systems affect business. The student will enhance his/her ability to understand the implications of major social, economic, political, legal and ethical trends in the U.S. and the world; critically examine his/her own position on these issues; critically analyze popular writings on these issues; and appreciate the perspective of others whose circumstances differ from those of the student.
Sustainable Food Systems	Nutrition	NTD 277	UG	SF	The primary objective of this course, team taught by an anthropologist and a registered dietitian, is to examine the interrelationship of nutrition ecology, anthropology and the political economic underpinnings of sustainable food systems.
The Food Chain	Nutrition	NTD 325	UG	SF	Applies ecological and systems-based theory to contemporary food systems and nutrition challenges within sustainability frameworks. Explores food production, distribution, and consumption, emphasizing post-harvest aspects, historical, and socio-cultural factors. Analyzes local and global food systems, including globalization and labor markets, focusing on health, food security, and environmental sustainability. Investigates alternative food systems and reflects on the roles of businesses, consumers, and professionals in addressing food, nutrition, and environmental issues.
Intro to Global Studies	Political Science	GST 110	UG	SF	This course focuses on the transnational processes, issues, and topics that are key to understanding globalization. This course will formally employ perspectives and concepts from three disciplines: political science, economics, and sociology. However, this course will also draw upon a number of other disciplines: culture and language, history and geography ("time and space"), as well as philosophy. This course will also have a strong multicultural content with an emphasis on how values impact a range of policy issues: trade, money, development, population, hunger, overpopulation, climate change, culture, environment, democracy, and security.
Globalization and the Ethics of Sustainability	Women's & Gender Studies	WOS 260	UG	SF	Explores globalization's impact on widening inequality and environmental ethics. Discusses exploitation by multinational corporations, especially of vulnerable groups, and their contribution to environmental degradation. Emphasizes conservation of resources, climate change, sustainable practices, and fair trade. Analyzes social and environmental justice issues, ecological footprints, and methods to reduce resource consumption.

List of Sustainability Inclusive Courses

Course Title	Academic Department	Course Number	Course Level	SI or SF	Course Description
Managerial Accounting	Accounting	ACC 102	UG	SI	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.
Intermediate ACC III	Accounting	ACC 305	UG	SI	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.)
Auditing	Accounting	ACC 401	UG	SI	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.
Intro to Cultural Anthropology	Anthropology & Sociology	ANT 102	UG	SI	This course introduces students to the fundamental concepts and methods in cultural anthropology--the study of humanity in all of its diversity. Focusing on how culture makes us think and act, organize ourselves, and understand the surrounding world the way we do, the course explores social and cultural diversity through a range of topics including race and ethnicity, sex and gender, kinship and families, religion, economic and political organization, and globalization.
Introduction to Archaeology	Anthropology & Sociology	ANT 103	UG	SI	This course provides an overview of methods and strategies involved in archaeological research and the interpretation of culture through the analysis of archaeological remains.
Museum Exhibition Curation	Anthropology & Sociology	ANT 558	UG	SI	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.
Introduction to Sociology	Anthropology & Sociology	SOC 100	UG	SI	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.
Medical Sociology	Anthropology & Sociology	SOC 361	UG	SI	A sociological perspective on health, illness, and medical care.
3D Design	Art + Design	ART 120	UG	SI	Three Dimensional Design is an introduction to composition and form building in three-dimensional space. Students focus on creative problem solving challenges using a range of basic design materials and techniques.
Drawing II	Art + Design	ART 206	UG	SI	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.
Typography II	Art + Design	ART 213	UG	SI	The advanced study of typographic expression and communication and the development of complex information systems. Students explore the form and structure of visual communications including sequential design systems and organizational structuring.
Painting II	Art + Design	ART 217	UG	SI	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.
Digital Photography	Art + Design	ART 228	UG	SI	An introduction to the photographic process using a digital platform. Photographic techniques, camera handling, exposure control, image manipulation, composition, and solving visual problems will be incorporated into exercises and projects. This course will also address the topic of sustainability through photography. Students are required to provide storage media and prints of their projects. A Digital Single Lens Reflex (DSLR) format camera is used for this class. A personal DSLR is highly recommended but not required.
Potter's Wheel	Art + Design	ART 232	UG	SI	This course is designed to introduce students to the potter's wheel and develop their eye through critique. Over the course of the semester students will learn to shape clay on the potter's wheel, making a variety of functional pottery, and gain experience with various decorating, glazing, and firing techniques. Craftsmanship will be stressed and we will scrutinize nuances of the student's work.
Ceramics: Independent Projects	Art + Design	ART 235	UG	SI	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.
Printmaking: Graphic Forms	Art + Design	ART 241	UG	SI	This course is an introduction to mediums of printmaking whose strengths lay in their graphic drama. Through layering these techniques students will discover new ways to harness the interaction of color and form. The versatility of these approaches allows the printed medium to expand--onto 3-Dimensional structures, clothing, banners, or other creative substrates. Primarily this course will be focused on reductive and serigraphic processes. Our aim is to find enough technical grounding in these forms for the purpose of later exploiting their conceptual possibilities.
Printmaking as Narrative Form	Art + Design	ART 242	UG	SI	This course is an introduction to mediums of Printmaking whose strengths lie in the illustrative and narrative form. We will explore the power of line, texture, and tone, as well as the reworking of and editing of plates to explore story-telling possibilities. These techniques can include drypoint, etching, collagraph, and monotypes.
Mixed Media	Art + Design	ART 301	UG	SI	This course introduces students to various materials and techniques used in visual art. Materials explored will include, but not be limited to, dyes, gels, inks, paint, paper, photographs, prints, pumice, and wax. Techniques may include, but not be limited to, assemblage, book-making, collage, encaustic, relief printing, transfer, mono-printing, and welding.
Special Topics: Design for the Social Good	Art + Design	ART 400	UG	SI	Advanced graphic design problem-solving methodologies are leveraged in order to comment on, inform or challenge a social issue via a comprehensive project of the student's own design. While final projects may take the form of any delivery method the student deems suitable for their topic, digital solutions such as product development, animation and motion graphics are preferable.

General Microbiology	Biology	BIO 214	UG	SI	The biology of microorganisms, their structure, physiology, and control; the nature and dynamics of disease and disease control; principles of food, industrial, and environmental microbiology. The laboratory will deal with microbiological techniques, isolation and identification of microbes, and water and food analysis. This course is for biology majors.
Ecology	Biology	BIO 270	UG	SI	Relationships between living organisms and their environment.
Pathogenic Microbiology	Biology	BIO 314	UG	SI	Systematic study of pathogenic bacteria with extensive laboratory experience in handling and identifying these organisms.
Terrestrial Ecosystem Ecology	Biology	BIO 315	UG	SI	Transfer of materials and energy through terrestrial ecosystem with emphasis on carbon, water, and nutrient cycling. Ecosystem responses to climate change are emphasized.
Plant Physiological Ecology	Biology	BIO 466/566	UG & G	SI	Mechanistic exploration of how plants respond to their environments, with central focus on carbon, water, and nutrient cycling. Global environmental change is used as a backdrop to examine physiological processes from the cell to whole-plant scale.
Freshwater Ecology	Biology	BIO 476/576	UG & G	SI	The environmental and biological characteristics of freshwater. Emphasis is placed on field methods, water quality evaluation based on the interpretation of comprehensive datasets, and management strategies for lakes, ponds and streams.
Organic Chemistry I	Chemistry	CHE 231	UG	SI	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.
Introduction to Physical Chemistry	Chemistry	CHE 341	UG	SI	An introduction to physical chemistry including ideal and real gases, kinetic theory, statistical mechanics, intermolecular interactions, transport phenomena, three laws of thermodynamics and their application, chemical and phase equilibria, mixtures of electrolytes and nonelectrolytes, electrochemistry, chemical kinetics, transition state theory, surface chemistry, catalysis, reaction dynamics and photochemical kinetics.
Advanced Physical Chemistry	Chemistry	CHE 342	UG	SI	Introduction to quantum mechanics; model quantum systems including free particle, harmonic oscillator, rigid rotor and particle in the box; atomic structure and spectroscopy; quantum chemical approach to bonding; rotational, vibrational and electronic spectroscopy of molecules; dynamics of photochemistry including photosynthesis; nonlinear spectroscopy; and femtochemistry.
Seminar in Chemistry	Chemistry	CHE 491	UG	SI	Oral and poster presentation of papers based on laboratory or library research.
Media Audiences	Communication and Media	COM 232	UG	SI	Gender inclusivity addressed in multiple assignments through media literacy and representation theories.
Teams & Communication	Communication and Media	COM 499	UG	SI	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).
Media Technologies	Communication and Media	MDC 251	UG	SI	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.
Media & Culture Theory	Communication and Media	MDC 254	UG	SI	The course introduces a handful of core theories to explain what is a theory and how it is used.
Research Methods in Mass Communication	Communication and Media	MDC 255	UG	SI	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.
Strategic Social Media	Communication and Media	MDC 325	UG	SI	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. 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.
Event Production Using Media	Communication and Media	MDC 370	UG	SI	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.
Content Strategy	Communication and Media	MDC 421	UG	SI	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.
Introduction to Augmentative and Alternative Communication	Communication Sciences and Disorders	CSD 270	UG	SI	The course is designed to introduce undergraduate students to a variety of augmentative and alternative communication (AAC) strategies (e.g., high-technology devices such as speech-generating computers and software programs and low-technology systems such as picture exchange communication) for people with communication disorders. Students will explore the Total Communication approach - an approach to Deaf education that includes a number of modes of communication such as signed, oral, auditory, written and visual aids - for interacting with individuals who have complex communication needs.
Language Disorders	Communication Sciences and Disorders	CSD 333	UG	SI	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.
Child Language I	Communication Sciences and Disorders	SLP 511	G	SI	Explores disorders of early language acquisition and factors that may place infants and toddlers at risk for normal communication development. Assessment and intervention are examined from the perspective of developmental, behavioral, team-based, and family-centered frameworks.

Child language II	Communication Sciences and Disorders	SLP 512	G	SI	This course addresses language disorders at school age, including the impact of oral language impairments on the acquisition of literacy skills by speakers of general American English, speakers of dialects, or English language learners. It also addresses strategies for prevention, identification, diagnosis, and intervention within a model of interdisciplinary collaboration that emphasizes cultural sensitivity and other standards of effective collaboration.
Clinical Articulation and Phonology	Communication Sciences and Disorders	SLP 526	G	SI	Acoustic and physiological mechanisms underlying speech sound production; theoretical models and evidence-based practices associated with clinical management of disordered speech sound production.
Augmentative & Alternative Communication	Communication Sciences and Disorders	SLP 545	G	SI	This course is a three-unit graduate required course. The purpose of this course is to develop an understanding of information related to the evidence, strategies, techniques, and issues that are unique to the field of augmentative and alternative communication (AAC). The class includes an in-depth review of the assessment process as well as the AAC needs of individuals with developmental and acquired disabilities across the age continuum. Hands-on experience with various methods of AAC strategies and devices will provide a clearer understanding of AAC intervention.
Cultural and Linguistic Diversity Issues in Speech-Language Pathology	Communication Sciences and Disorders	SLP 598	G	SI	Contact department for more information about this course.
Public Speaking	Communication and Media	SPK 208	UG	SI	This course is designed to introduce the student to both the theory and the practice of public speaking in a variety of communication contexts. Students will develop the skills necessary to use communication as a problem-solving tool in the community. Special emphasis is placed on the student's performance as a sender and receiver of messages directed at social action.
Business and Professional Speech	Communication and Media	SPK 230	UG	SI	Practice in effective speaking and listening. Interpersonal communication in the business and professional setting, including reports, sales, and pitch presentations, policy speeches, group dynamics, and speaking.
Corrections	Criminal Justice	CRJ 220/566	UG & G	SI	The purpose of this course is to provide the student with a survey and analysis of the correctional system and its processes from both a historical and geographical perspective. Emphasis will be placed on relating this survey and analysis to contemporary practice and future trends in the area of corrections.
Animal Cruelty	Criminal Justice	CRJ 325	UG	SI	This course is designed to provide an intensive examination of the relationship between animal cruelty and the criminal justice system. It will cover the commission of animal cruelty within circumstances such as child abuse, interpersonal violence, and juvenile delinquency. This course will also cover the ethical analysis of animal cruelty and it is designed to develop oral communication skills. The final goal of the course is to offer students an understanding of the impact that animal cruelty has on society and the criminal justice system.
Topical Seminar in Criminal Justice: Emergency Management	Criminal Justice	CRJ 455	UG	SI	Intensive examination of a selected area of study in the field of criminal justice. Topics will be announced at the time of offering. Course may be taken more than once when different topics are presented.
Advocacy & Leadership in Early Childhood Education	Early & Middle Grades Education	ECE 508	G	SI	Professional service and advocacy on behalf of children, families and communities will be course highlights. Students will engage in personal reflection and analyze current issues and policies that impact young children and families. Students will research a variety of advocacy strategies and apply their knowledge of child development, developmentally effective practices, national and state standards, and management competencies as they examine their own development as leaders.
Diverse Learners in ECE Contexts	Early & Middle Grades Education	ECE 509	G	SI	This course explores the value of learner diversity and multiculturalism and examines the powerful learning opportunities it affords today's early childhood settings. Students will examine their attitudes, beliefs, and biases regarding diverse students, families, and communities as they use approaches aimed at working together to ensure equitable access to high-quality learning experiences for all children. Further, students will explore the benefits of inclusive practices and develop learning experiences that consider the diverse needs of today's learners in early childhood settings.
Child Development: Prebirth	Early Grades Preparation	EGP 209	UG	SI	This course covers the normative and atypical development of children from prebirth through 5 years across all development domains. The earliest years are exciting, interesting and continually changing time in the lives of children. This course will cover content from research, personal experiences and observations.
Middle Childhood & Adolescent Development	Early Grades Preparation	EGP 210	UG	SI	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.
Theory/Field Experiences in the Early Grades	Early Grades Preparation	EGP 220	UG	SI	Orientation to the curricula, processes and structures of the PreK-4 classroom. Field experiences, minimum 30 hours, related to course topics. Field clearances required.
Pre-K Methods and Field	Early Grades Preparation	EGP 322	UG	SI	This course is a 6 credit methods and field course. Students will learn to plan and implement developmentally effective curriculum for children three to five years old. Students will be in field placements for six hours each week.
Families and Community Relations	Early Grades Preparation	EGP 326	UG	SI	Addressing issues, policies, and practices about schools, young children families and communities this course will focus on ethnicity, culture, and social class 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 parents, guardians and families in each child's educational success and success in life, while embracing and respecting each child's unique individuality, are essential for the contemporary educator.
Methods of Teaching Social Studies and Health in Elementary Classrooms	Early Grades Preparation	EGP 335	UG	SI	A study of social studies and health education curricula, instruction and assessment Pre-K through Grade 4. National, state and local standards are utilized as frameworks to explore the context, purpose, content, and interdisciplinary nature of the social studies and health.
Student Teaching	Early Grades Preparation	EGP 410	UG	SI	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.
PreK Programs & Methods and PreK-4 Family Partnerships	Early Grades Preparation	EGP 522	G	SI	A comprehensive study of developmentally appropriate PreK programs. A study of the role of families and family/school partnerships in the education of children PreK-4. 75 Hours of supervised fieldwork required in PK settings.
Teaching Social Studies and Health PreK-4	Early Grades Preparation	EGP 535	G	SI	A study of social studies and health education curricula, instruction and assessment Pre-K through Grade 4. National, state and local standards are utilized as frameworks to explore the context, purpose, content, and interdisciplinary nature of the social studies and health.
Developmental Field Experience in Inclusive Classrooms	Early Grades Preparation	EGP 550	G	SI	Developmental field experience in inclusive classrooms. Field clearances required.
Intro to Geology	Earth & Space Sciences	ESS 101	UG	SI	The earth's composition and history; the processes that occur on and within the earth.

Galaxies And Cosmology	Earth & Space Sciences	ESS 102	UG	SI	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.
Humans and the Environment	Earth & Space Sciences	ESS 102	UG	SI	A study of the ability of humans to survive and maintain their life quality, considering the limited resources and recycling capacity of planet Earth. Note: Students completing ESS 102 may not take SCB 102 or ENV 102 for credit.
Environmental Geochemistry	Earth & Space Sciences	ESS 301	UG	SI	An introduction to principles and applications of geochemistry to geologic systems, including surface and ground waters, soils, and rocks.
Mineralogy	Earth & Space Sciences	ESS 302	UG	SI	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.
Geomorphology	Earth & Space Sciences	ESS 343	UG	SI	Constructional and degradational forces that have shaped present landforms and are constantly reshaping and modifying landforms. Interpretation of geologic and topographic maps; field studies.
Sedimentology and Stratigraphy	Earth & Space Sciences	ESS 450	UG	SI	LAB, LEC Class, laboratory, and field studies of sediments, sedimentary rocks, depositional processes and environments, and diagenesis. Description, mapping, and correlation of strata to infer temporal-spatial relationships, locate resources, and interpret Earth history.
Environmental Geochemistry	Earth & Space Sciences	ESS 501	UG	SI	Migration and distribution of the chemical elements within the earth; chemistry of the lithosphere, hydrosphere, and biosphere; chemical changes throughout earth history; the geochemical cycle.
International Geology Field Studies	Earth & Space Sciences	ESS 548	G	SI	Field investigations of selected country's physical environments focusing on geology and natural resources in relationship to cultural traditions, lifestyle and sustainability. Case studies of human adaptation to local and global environmental challenges will be considered. Two hours of lecture and two hours of lab.
The Carbon Cycle	Earth & Space Sciences	SCI 101	UG	SI	An exploration of how the carbon cycle connects earth and life, through photosynthesis, respiration, decay, rock formation and weathering, and plate tectonics. Humans have altered the carbon cycle by burning fossil fuels. Students investigate the carbon cycle on the WCU campus and consider the implications for global warming.
Principles of Microeconomics	Economics & Finance	ECO 112	UG	SI	Principles underlying use and allocation of scarce productive resources. Consumption and production activities. Value, price, and income distribution. Considerations of economic efficiency and welfare.
Intermediate Microeconomics	Economics & Finance	ECO 340	UG	SI	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.
Digital Storytelling	English	DHM 260	UG	SI	By engaging with digital stories from a range of cultural traditions, this course invites students to analyze and explore what it means to be human. Students as storytellers will create their own digital artifacts as citizens of the world.
Life, Death, and Disease	English	CLS 270	UG	SI	A course treating the study of literary works, film, and selected readings from other areas (history, science, fiction, and nonfiction) to generate an understanding of the relationship of human values to medicine, illness, and issues of related importance to physicians.
Black Critical Theory	English	ENG 206	UG	SI	This course explores the political, social, cultural, and historical factors that influenced the development of twentieth century Black Critical Theory. Students will develop an awareness of critical, theoretical, and rhetorical approaches to textual analysis that are central to the field of English Studies as they learn about crucial moments in African American and Diasporic history and culture such as The Harlem Renaissance, The Realist/Protest Movement, The Civil Rights Era/Black Arts Movement, and The Feminist/Womanist Movement.
Theory & Criticism in English Studies	English	ENG 296	UG	SI	Students will examine major theoretical approaches to working with texts with an emphasis on how the relationship between meaning and text is conceived by different critical theories. This course also provides students with an overview of the intellectual lineage that subtends modern and postmodern theory in the humanities, highlighting the ways in which postmodern theory came to challenge earlier aesthetic and philosophical movements, such as pre-sophistic, Greco-Roman, Medieval, Modern, Romantic, and Enlightenment traditions in Western European cultures. The course helps students to both understand and challenge the dominance of Western Culture in English Studies altogether by exploring comparative non-western aesthetic and philosophical movements.
Business and Organizational Writing	English	ENG 368	UG	SI	The nature of communication within business and organizations. Theoretical basis and practical application.
History of Manuscript, Print, and Digital Cultures	English	ENG 503	UG	SI	This course studies the history of the creation, production, distribution, circulation, and reception of the written word. As it traces how authorship, reading, publishing, and the physical properties of texts have altered over time, the course examines, both historically and analytically, the intellectual, social, and cultural impact of changing communications technologies against the backdrop of our current digital age. This historical perspective uniquely equips students with the skills and knowledge to navigate effectively the transformations affecting the publishing and related media industries.
Critical Pedagogies and Literacies	English	ENG 506	UG	SI	This course introduces student to two complementary bodies of literature: critical literacy and critical pedagogy. Students will analyze the educational system's role in maintaining or challenging diverse values, policies, and interests. To do so, students will ask questions about what we teach, how we teach, who we teach, and who we are as teachers: questions designed to frame the educational system socially, politically and institutionally.
History, Form, & Ideology	English	ENG 550	UG	SI	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.
Popular Culture: Reading Culture as Text	English	LIT 100	UG	SI	An introduction to analyzing and interpreting everyday cultural expressions within diverse social, historical, economic, and political contexts.
Topics in Literature	English	LIT 165	UG	SI	A course designed to develop awareness of literature as being central to all the arts, to increase levels of literacy and critical faculties, and to broaden understanding of the human condition.
Literature for Young Children	English	LIT 219	UG	SI	A critical study of the literature for young children for prospective specialists in early grades.
The Rhetorics of Black Americans	English	WRH 301	UG	SI	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.
Effective Writing I	English	WRT 120	UG	SI	An intensive course in writing that emphasizes skill in organization and awareness of styles of writing and levels of usage as ways of expressing and communicating experiences.
Effective Writing with Supplemental Writing Workshop	English	WRT 123	UG	SI	In addition to the intensive writing work of WRT 120, this course requires added instructor workshop sessions and mandatory tutoring assistance to support enrolled student writers' growth and development. Open to First-Year Students.

Critical Writing and Research	English	WRT 200	UG	SI	A critical study of the literature for young children for prospective specialists in early grades.
Critical Studies: Approaches to Popular Culture	English	WRT 204	UG	SI	The strategies of critical theory and critical writing will be used to examine and explain popular culture. The course will explore multiple media - such as print, television, film, music, and various visual and electronic formats - as representations of humanities, arts, and sciences, about which students will write researched, critical cultural analyses.
Investigating Experience	English	WRT 205	UG	SI	Exploration of the student's personal history and attitudes through carefully structured compositions, including autobiographical narrative, memoir, and introspective analysis.
Critical Research Writing: Entering the Public Sphere	English	WRT 208	UG	SI	Publication is a goal for many writers. Reporters, scientists, poets, academics, and others write for publication. This class will require students to write for professional and/or class-produced print forums appropriate for humanities, arts, social sciences, and scientific fields, examining those forums in order to analyze and critique their discourse conventions. The course will provide opportunities for students to submit their work to such forums for publication. The class may also produce its own publication about writing-related news and events that students will learn about by conducting documented research projects.
First Year Experience	First Year Experience	FYE 100	UG	SI	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.
Senior Seminar in Geography	Geography & Planning	GEO 400	UG	SI	The study of historical and contemporary trends in geography; the design, preparation, and defense of a research proposal.
Analysis and Application of Humor in Social Work	Graduate Social Work	SWG 589	G	SI	This course will explore the use of humor as a complementary therapy and advocacy tool over the past half-century internationally. The anatomy of humor, types of humor, and humor as both empowering and oppressive will be investigated. Students will learn experientially developing and completing a personalized humor therapy treatment plan in addition to examining the application of humor on the micro, mezzo, and macro levels of social work practice.
Family Violence	Graduate Social Work	SWG 594	G	SI	This course examines family violence as a biopsychosocial phenomenon from a social work perspective. Particular attention will be given to the etiology, myths, and dynamics of intimate partner violence (IPV). Elder abuse, child abuse, and sibling violence are discussed, but are secondary topics. Although historical, sociological, and political perspectives are explored, we focus on an integrated theoretical model that supports movement toward evidence-based practice and policy innovation. A review of the issues, policies, programs, and services will be discussed.
Varieties of History	History	HIS 300	UG	SI	Historical research techniques. Methodology, historiography, and varieties of history.
Introduction to the Islamic World	History	HIS 308	UG	SI	Study of the religio-cultural heritage of the Islamic world against a historical background. Selected areas of Middle, South, and Southeast Asia will be utilized to illustrate the flowering of Islamic arts, architecture, and poetry. Includes geography component.
Capstone Seminar	History	HIS 400	UG	SI	The Capstone course for History majors gives students an opportunity to conduct extensive original research, shared with peers through written and spoken-word presentation formats commonly valued by scholars. Topics will vary with instructor. Senior-standing strongly recommended.
World Communism	History	HIS 424	UG	SI	This course examines the history of communism. It traces the origins and development of Marxist theories of inequality as well as sometimes tragic efforts to put Marxist theory into practice in, among other places, Russia, China, and Cuba. Particular attention is paid to choices and commitments of individual communists. What vision of a new world motivated communists? What solutions to class, gender, and racial inequalities did they propose? Why was their idealism so often twisted into carnage?
Digital History	History	HIS 480	UG	SI	Introduction to digital tools and technologies for conducting and disseminating historical research, with an emphasis on putting digital approaches into practice through course blog and production of a class website.
Leadership with English Language Learners	Honors College	HON 322	UG	SI	The study of issues, leadership challenges and strategies for the effective teaching of English Language Learners (ELLs) and for effective communicating with ELLs in the community. Along with globalization come multi-cultural and multi-lingual challenges and opportunities for leaders in communities, classrooms, school administration, and the private sector. In particular, this course focuses on the gifts brought and challenges faced by a rapidly growing population of English Language Learners (ELLs) as they seek integration into the larger community. Research in linguistics draws from multiple disciplines and the course will take advantage of various intellectual approaches from areas such as educational psychology, cultural anthropology, literacy studies, intercultural communication, sociology, and political science.
Humanities Seminar	Honors College	HON 381	UG	SI	Investigation of leadership issues as they are found within special topics in the arts and humanities.
Honors Capstone	Honors College	HON 490	UG	SI	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.
Interdisciplinary Practice & Theory	Interdisciplinary Studies	IDS 300	UG	SI	Think of an issue facing the world today. No matter which one is selected, it is likely to be a complex issue which does not lend itself to simple solutions. Typically, the issues have broad implications which span multiple disciplines. This course will introduce the concept of interdisciplinarity across the liberal arts, a unique process by which the perspectives and insights of multiple disciplines are examined in an effort to arrive at informed, workable solutions based upon the best the disciplines have to offer.
Exercise Physiology	Kinesiology	EXL 380	UG	SI	This one credit laboratory course will enable the student to learn from both "hands-on" and computer simulated experiences. In both cases, reinforcing and illuminating concepts and physiological principles introduced in the EXS 380 lecture class.
Lifetime Fitness	Kinesiology	EXS 180	UG	SI	Designed to provide an interdisciplinary understanding of the relationship between lifestyle, physical fitness, and health and well-being.
Exercise Testing and Prescription	Kinesiology	EXS 381	UG	SI	Designed to prepare students to assess the physical fitness levels of healthy but sedentary adults and prescribe individualized exercise programs.

Principles and Practices of Strength and Conditioning	Kinesiology	EXS 482	UG	SI	This course provides an overview of the theory, methods and techniques associated with the strength and conditioning of the cardiovascular and musculoskeletal systems. An emphasis will be placed on the acute and chronic adaptations to strength and conditioning programs, including novel methods such as plyometrics, speed/agility/speed-endurance training, and core training. Application of theory will be implemented through practical lab experiences. This course will also serve as a partial preparation for the CSCS exam given by the NSCA.
Adult Fitness Concepts	Kinesiology	EXS 484	UG	SI	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).
Sport, Wellness, Society	Kinesiology	KIN 246	UG	SI	Current theories and research in the area of sport, wellness, and society will be introduced. The focus of the course is interdisciplinary, incorporating sociological, psychological, historical, anthropological, philosophical, and economic perspectives. Topics include diversity and inclusion issues in sport, wellness, and the society at large, locally and globally.
Global Science Fiction	Languages & Cultures	LNC 105	UG	SI	How do people relate to one another in a constantly changing universe? Students will engage a broad range of global science fiction to reflect on some of the most pressing ethical questions of the modern world. Topics may include how individuals and communities confront mad scientists, alien races, surveillance technologies, and post-apocalyptic landscapes, while exploring what it means to be human. All materials in English translation.
Global Fantasy Fiction	Languages & Cultures	LNC 106	UG	SI	In this introductory class, students engage with a broad range of global fantasy fiction and film. In a technology-saturated world, humans often crave a sense of wonder and seek out hope in the unexplainable. They imagine fantasy worlds to satisfy this need, stretch their imagination, and expand their range of expression. Topics may include epic struggles between right and wrong, schools for magic, and a wide range of fantastic creatures. At the same time, students will connect these stories back to reality to explore the role of fantasy in describing complex emotions, troublesome events, and the lived effects of oppression and injustice. All materials available in English.
Global Human Rights in Cultural Production	Languages & Cultures	LNC 110	UG	SI	Covers theoretical foundations, Universal Declaration of Human Rights, and global case studies. Explores tensions between universality and relativity, analyzing diverse cultural mediums (films, literature, documentaries) to identify stakeholders' interests. Develops tactical mapping and case study analysis skills. Emphasizes ethical reasoning for navigating complex human rights issues.
Seminar: Utopian Impulse in Latin America	Languages & Cultures	SPA 456/556	UG & G	SI	Seminars provide in-depth study of current topics in literary, film, and cultural studies related to the Spanish-speaking world. This course is intended to be taken in senior year. See departmental website for a listing of recent topics.
College Reading and Study Skills	Literacy	EDR 120	UG	SI	This course is designed for students who wish to improve their college level reading and study skills. Students will learn a wide range of reading and writing strategies (note taking, textbook reading and marking, time management, test taking) that can be applied across disciplines and in other college courses. This course is organized around thematic inquiries so that students can practice and apply critical literacy and critical thinking skills through engaging in dialogue around cross-disciplinary issues.
Reading in the Content Areas	Literacy	EDR 420/514	UG & G	SI	This course examines content area literacy as an integrated knowledge base used for learning with text across the curriculum. Strategies and practices, including the use of technology, for enhancing reading and learning in the content areas will be explored. Considerations for environmental, linguistic, cultural, and cognitive diversity will be included.
Reading Practicum and Seminar 2	Literacy	EDR 532	UG	SI	A practicum course in assessment and instruction of independent readers/writers. Using formal and informal measures, students will complete a case study of an independent reader/writer, analyze strengths and areas of need, and design an individualized plan for literacy growth. Using this plan, students will tutor children and evaluate the results. Field clearances are required.
Employment Law & Labor Relations	Management	HRM 602	G	SI	This course provides an overview of major employment laws and emphasizes the relationship between employees and management in both nonunionized and unionized environments. Topics include policy formulation, employee rights, compliant systems, labor contracts, unions and the legal aspects of collective bargaining. This class is delivered in an online format, and includes video lectures, readings and discussion boards.
Principles of Management	Management	MGT 200	UG	SI	Introduction to the principles and functions of management. Examines the management process, organizational theory, planning, decision making, motivation, and leadership in supervisory contexts.
Business and Society	Management	MGT 313	UG	SI	An analysis of the social, political, legal, environmental, and ethical problems faced by business firms.
Production and Operations Management	Management	MGT 341	UG	SI	Operations management is one of the three primary functions of any organization, along with marketing and finance. It is responsible for the production of goods and services. All operations decisions are made within the context of all other business functions and the organization's external environment. This course is designed to introduce the students to the basic concepts, principles, and techniques of production and operations management; to provide a multifunctional perspective on operations decision-making; and to explore the strategic role of the operations function in the survival and success of organizations. Although this course is primarily quantitative in nature, qualitative aspects across various business functions will also be discussed.
Social Entrepreneurship	Management	MGT 474	UG	SI	This course introduces students to the concepts, principles, and frameworks of social entrepreneurship. Students examine the practice of identifying, starting, and growing successful mission-driven for-profit and nonprofit ventures, ventures that seek to advance social change through innovative solutions.
Management Seminar	Management	MGT 498	UG	SI	This course engages students in reading, writing, discussion, and research on current topics in management.
Business Policy and Strategy	Management	MGT 499	UG	SI	This School of Business capstone course requires all business majors to integrate and apply multidisciplinary knowledge and skills in actively formulating improved business strategies and plans. Case method predominates, presentations, and written reports are required.
Supply Chain Management	Management	SCM 351	UG	SI	Building on the fundamentals of operations management covered in MGT 341, this course explores the core concepts of supply chain management, including underlying principles and practical techniques related to supply chain processes. Topics covered include: supply chain strategy, network and system design, operations management, sourcing, logistics, forecasting and demand planning, inventory management, and many others. Particular emphases are placed on global and sustainability aspects of supply chain management. This course also explores how SCM is intertwined with other organizational functions. New topics, including the importance of big data analytics in SCM, as well as other technological advances such as 3-D printing, cloud computing, machine learning, driverless vehicles, the Internet of Things, and

Consumer Behavior	Marketing	MKT 330	UG	SI	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.
Marketing Strategy Capstone	Marketing	MKT 425	UG	SI	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.
Numerical Analysis I	Mathematics	MAT 325	UG	SI	A basic introduction to numerical analysis and scientific computing. Topics which will be studied include: Computer arithmetic, approximation and interpolation of functions, numerical quadratures, solutions of linear systems by direct methods, numerical solutions of nonlinear scalar equations, numerical differentiation, introduction to one step methods for the numerical solution of ordinary differential equations.
Teaching Math to Children II	Mathematics	MAT 352	UG	SI	A continuation of the pedagogical strategies and methods for teaching the topics covered in MAT 351 extended to topics such as real numbers, geometry, percent, proportional reasoning, measurement, and algebra.
Teaching Mathematics in the Middle Grades	Mathematics	MAT 353	UG	SI	Techniques for teaching children mathematical concepts in the middle school standards. Topics covered include number, algebra, geometry, and probability and statistics.
Independent Study	Mathematics	MAT 499	UG	SI	Independent investigation of an area of mathematics not covered in the department's course offerings.
Introduction to Statistics and Probability	Mathematics	MAT 125	UG	SI	Introduction to probability, statistics, and statistical inference. Concepts include: descriptive statistics, probability, probability distributions, sampling distributions, confidence intervals, hypothesis testing, along with a formal introduction to linear regression and categorical data analysis. Statistical software, including but not limited to SPSS and Excel, will be used to facilitate the understanding of important statistical ideas and for the implementation of data analysis in many areas of application.
Pre-Calculus	Mathematics	MAT 131	UG	SI	Topics include polynomial, rational, exponential, logarithmic, and trigonometric functions. An emphasis is placed on understanding function properties and graphs without the use of technology. Successful completion of this course prepares students for MAT 161.
Teaching Math to Children I	Mathematics	MAT 351	UG	SI	In-depth treatment of current pedagogical strategies and materials for teaching concepts, including: early number sense; place value; addition, subtraction, multiplication, and division of whole numbers; and fractions in an elementary classroom.
Field Experiences in Elementary School Mathematics	Mathematics	MAT 361	UG	SI	Teacher candidates enrolled in this course will develop and apply the knowledge, skills and dispositions needed to be an effective teacher of mathematics at the elementary level. This course will provide supportive and authentic learning experiences in local classrooms with practicing teachers. Teacher candidates will integrate content and pedagogical knowledge to develop instructional and assessment techniques that support all learners in mathematics.
Music Therapy Research	Music Theory, History and Composition	MPT 300	UG	SI	This course provides an overview of music therapy research and literature. Students will gain library literacy and learn effective search methodologies. Students will develop an understanding of research methodologies and will learn to critically analyze and interpret research with the purpose of integrating it into clinical practice.
Computer Music	Music Theory, History and Composition	MTC 273/514	UG & G	SI	Materials and techniques of electronic music and their use in composition. Laboratory experience in the composition of electronic music.
Healthy Aging in the New Millennium	Nursing	NSG 216	UG	SI	Explores influences on healthy aging through diverse activities. Covers ageism, biological factors (allostatic load theory), and social determinants of health. Develops communication skills via interaction with older adults. Includes assessments on daily living issues and community environment impact. Emphasizes health equity promotion and understanding of aging differences. Discusses community programs and health policy effects on older adult health. Aims to cultivate informed citizens for a just society.
Intro to Forensic Nursing	Nursing	NSG 235	UG	SI	This survey course introduces forensic nursing and the role of the professional nurse to forensic science. Building on nursing knowledge, the course topics will assist in the development and understanding of the relationship between clinical nursing practice and forensic science. The history of forensic nursing and a variety of forensic nursing specialty roles will be examined. The application of patient teaching, prevention and intervention, long-term health effects and referral resources within the specialty of forensic nursing will be defined for multi-professional practice. Specific groups and vulnerable populations at increased risk to crime will be explored.
Nursing Care of Women, Infants, & Children	Nursing	NSG 311	UG	SI	The emphasis of this course is the childbearing family and the pediatric patient. Content will focus on prevention of illness and promotion of health by assessment of the health status, appropriate intervention, and evaluation of the health promotion plan. Chronic states as well as acute health conditions will be addressed as well. Content is organized around the concepts of wellness, chronicity and acuity. The nursing process provides the framework for the care to be given in a variety of settings with clients. Associated clinical experiences are provided in agencies where relatively well populations have been identified, as well as acute care population settings. Examples include schools, primary care practices, inpatient settings, and childbirth centers.
Care of the Elderly	Nursing	NSG 312	UG	SI	The emphasis of this course is on the assessment, maintenance, and promotion of health of the older adult and introduction to the care of the inpatient. Clients with chronic health problems in both these populations are addressed. Content is organized around the concepts of wellness, chronicity and acuity. The nursing process is used to assist these clients to grow and or adapt through supportive, therapeutic, palliative, and preventive measures.
Clinical Prevention	Nursing	NSG 335	UG	SI	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.
Nutrition & Culture	Nutrition	NTD 200	UG	SI	Students will increase awareness of the connection between health outcomes, diet and nutrition, and socio-cultural influences. Course studies will lay a foundation for understanding why people eat the foods that they do. A bio-cultural framework is applied to examine how individual dietary habits, choices, and nutritional health outcomes are influenced by social structure, historic patterns and events, and cultural beliefs and ideology. Students explore food ways, food scripts, health beliefs and practices, demographic characteristics, and population health across diverse communities within the United States. The course also employs a critical analysis of macro-structural inequalities, societal stresses, and cultural norms that alter access and availability to healthy foods and disparately undermine the nutritional health of some

Intro to the Principles of Food Selection and Preparation	Nutrition	NTD 205	UG	SI	A nutritionally based study of the basic principles of food selection and preparation with an emphasis on food safety. Course includes a comparative study and integration of convenience food and traditionally prepared food, enhanced by an experiential lab component.
Plant-Based Nutrition	Nutrition	NTD 305	UG	SI	This course will apply basic human nutrition principles to plant-based dietary approaches, addressing both the health-promoting aspects of plant-based nutrition and concerns about nutritional adequacy at all stages of the life cycle. A variety of plant-based food preparation methods will be demonstrated and students will participate in meal planning and food preparation.
Community Nutrition	Nutrition	NTD 415	UG	SI	A study of the community nutrition programs and services at all levels of development. Course covers nutrition program planning, implementation, and evaluation; socioeconomic and cultural context of programs and services; an examination of the political and legislative process as it relates to nutrition legislation; and the role of the community nutritionist.
Public Health Nutrition	Nutrition	NTD 515	G	SI	The purpose of this course is to provide students with a practice based approach to public health nutrition processes through readings, discussions and active participation. Topics include public health nutrition concepts, guidelines and key nutrition issues for particular populations. Students will be introduced to the needs of diverse and vulnerable populations and evidence-based nutrition programs.
Nutrition & Health in Aging	Nutrition	NTD 601	G	SI	This course examines how good nutrition, physical activity, other lifestyle behaviors including mind/body medicine across the life span may reduce the risk for disease and promote healthy aging. Additional topics explore the barriers to good nutrition in later life and management of chronic conditions in the older years.
Nutrition & Human Behavior	Nutrition	NTD 612	G	SI	This course will examine theoretical perspectives on nutrition, food and health-related behavior change. Students will study the key constructs from a variety of nutrition and health behavior theories and frameworks such as the Theory of Planned Behavior, the Health Belief Model, Social Cognitive Theory and the Transtheoretical Model. This course will provide the depth of knowledge for students to critically evaluate nutrition programs using the theories and frameworks. These theories and frameworks will be used to design and deliver community interventions and programs.
Nutrition Culture	Nutrition	NTD 200	UG	SI	Explores the link between health, diet, nutrition, and socio-cultural factors. Analyzes individual dietary habits within a bio-cultural framework considering social structure, history, and cultural beliefs. Examines foodways, health beliefs, and population health in diverse US communities. Critically assesses macro-structural inequalities impacting access to healthy foods and nutritional health.
Farm to Table Food, Flavor, and Health	Nutrition	NTD 226	UG	SI	This course combines online lectures, in-class activities, and laboratory experiments to apply the principles of food preservation for increasing the value and shelf-life of local farm crops. Students will gain an understanding of sustainable food production, methods of recording the human responses to food flavor, and conventional food preservation techniques. They will learn how to apply these principles to safely preserve food by canning, pickling, dehydration, and other traditional techniques. Additionally, students will be trained to communicate the steps that are involved in making a healthy and sustainable food product/recipe for consumer acceptability and nutritional qualities.
Consumer Nutrition	Nutrition	NTD 301	UG	SI	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. Emphasis is placed on methods of evaluating nutrition-related literature and claims, and interpretation of data and scientific studies relevant to nutrition.
World Philosophies	Philosophy	PHI 101	UG	SI	The chief problems and methods of philosophic thought, with a survey of some typical solutions. The place and influence of philosophy in life today.
Introduction to Religious Studies	Philosophy	PHI 102	UG	SI	The role of religion in human life. Illustrations drawn from various traditions, rituals, and belief patterns, both ancient and modern.
Intro to Ethics	Philosophy	PHI 180	UG	SI	Introduction to major theories and contemporary work in moral philosophy. Offers tools for ethical decision making in our daily lives with emphasis on the influence of culture, power, privilege.
Yinyang, Dao, and Zen	Philosophy	PHI 205	UG	SI	This course offers an overview of classical East Asian philosophies and religions. This course will aim to contextualize the three major religious traditions of northeast Asia (Confucianism, Daoism, and Buddhism) within a philosophical-cultural common sense view that seeks religious meaning and values within constantly changing webs of relationality. This course offers students an alternative to Western perspectives. The discussion topics include, but are not limited to, Yijing, Dao De Jing, Yin-Yang, Zen Buddhism, Donghak, Korean Shamanism, Shinto, East-Asian Arts and Medicine, etc.
Judaism, Christianity, and Islam	Philosophy	PHI 206	UG	SI	An introduction to the three major monotheistic traditions: Judaism, Christianity, and Islam. Exploring their earliest heritage including founders, scriptures, early institutions, and practices, it will then address how these traditions were preserved, re-invigorated, and sometimes transformed in response to social change and political upheaval.
Animal Ethics	Philosophy	PHI 282	UG	SI	An exploration of the religious, philosophical, and scientific perspectives on animals, animal treatment, and animal use, including arguments for vegetarian/veganism and of activist groups.
Medical Ethics	Philosophy	PHI 371	UG	SI	A case-based approach to the study of philosophical concepts and ethical criteria as applied to health care practice, clinical research, and the pressing medical issues of the day.
Ethical Theory	Philosophy	PHI 412	UG	SI	An inquiry into the meaning, interpretations and function of ethical theory in our lives. The course will explore some combination of classic, modern and contemporary ethical theories.
Philosophy of Religion	Philosophy	PHI 414	UG	SI	Religion and religious experience as viewed by major western thinkers. Concepts of God, immortality, religious knowledge, evil, miracles, and science and religion.
Existentialism	Philosophy	PHI 515	G	SI	Background and themes of current existentialism, as reflected in Kierkegaard, Jaspers, Marcel, Heidegger, and Sartre. Evaluation of existentialism and its impact on contemporary literature, drama, art, and society.
Professional Issues in Healthcare Policy	Physician Associate Education	PAS 515	G	SI	This lecture and seminar course will introduce students to the professional issues and policies relevant to clinical practice as a physician assistant. Lectures on the healthcare system, the public health system, patient advocacy, health policy, medical reimbursement, documentation of care, coding, and billing will be supplemented with experiences with clinical providers in order for students to more fully understand the opportunities and challenges of working in current and potential future healthcare systems.
Current and Emerging Issues in Healthcare	Physician Associate Education	PAS 540	G	SI	This small group discussion and research course will allow physician assistant students to identify current or future issues in healthcare or health education. Students will work individually or in groups to research the scope of the problem and propose potential solutions.

Climate Change	Physics and Engineering	SCI 100	UG	SI	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. Students will study past climates, climate models, and the impacts of modern climate change. Near the end of the semester students will discuss efforts to mitigate climate change. They conclude by briefly discussing the most widely adopted climate change policies. No previous experience with these subjects is assumed.
Politics of Diversity	Political Science	PSC 201	UG	SI	Examines American government's representation of historically marginalized groups and theoretical approaches like pluralism and elitism. Analyzes social movements' impact on social change. Considers political culture and experiences of underrepresented groups, exploring how race, class, gender, and sexual orientation influence political roles. Embedded in a political science ethics framework, discussions include ethical leadership and moral decision-making through case studies.
Gender and Politics	Political Science	PSC 301	UG	SI	This course examines the role of gender within political frameworks in the United States and abroad. It explores how gender can shape political engagement and representation, as well as analyzing the role and impact of women in politics, including women's policy interest and access to the political system. Students will examine the meaning of gender, intersectionality, sexism, and feminism in a political context. The course aims to provide students critical tools to analyze the complexity of political structures through a gendered lens.
Positive Psychology	Psychology	PSY 200	UG	SI	Introduction to psychological perspectives that place an emphasis on positive emotional states including: happiness, joy, resilience, compassion, and forgiveness. We will examine a variety of topics and their relationship to subjective well-being including: positive coping, optimism, interpersonal relationships, spirituality, creativity and achievement.
History and Systems of Psychology	Psychology	PSY 362	UG	SI	An integrated overview of the history of psychology as well as the systems, theories, and fundamental issues with which psychologists have concerned themselves in the past, recent, and current stages of the science.
Adult Development	Psychology	PSY 384	UG	SI	Study of psychological development throughout the period of adulthood up to and including death and divine.
Climate Change and the Psychology of Dystopian Futures	Psychology	PSY 400	UG	SI	In-depth study of advanced topics in psychology. Students will prepare and present written and oral presentations describing and analyzing current issues in psychology.
Drugs & Society	Public Health Sciences	HEA 103	UG	SI	Provide knowledge regarding the use and abuse of substances in our society and the impact on the individual, family, and community. Teaching strategies also will be incorporated.
Human Development	Public Health Sciences	HEA 206	UG	SI	A lifespan approach to the study of human development in the physical, cognitive, and psychosocial domains.
Introduction to Public & Community Health	Public Health Sciences	HEA 242	UG	SI	This course is intended to provide the student with an overview of public and community health concepts in the United States.
Love & Marriage	Public Health Sciences	HEA 310	UG	SI	Defines love and marriage for the student and teaches the skills essential to fulfilling those needs.
ATOD Prevention	Public Health Sciences	HEA 316	UG	SI	This course is designed to provide health education students with the knowledge, attitudes, and skills for the development, implementation and evaluation of K - 12 Alcohol, Tobacco, and Other Drug (ATOD) prevention education instruction and curricula.
Policy in Public Health	Public Health Sciences	HEA 615	G	SI	This course is designed to generate competencies in (1) discussing the public health policy process including the roles of ethics and evidence in the development of policy options; (2) proposing strategies to identify stakeholders and develop coalitions to influence public health policy; (3) advocacy for political, social, or economic policies and programs that will improve health in diverse populations; and (4) evaluating policies for their impact on public health and health equity. The course contributes to these competencies by (1) building the knowledge base for health policy issues using an economic perspective as a foundation for evaluating policy; (2) exploring aspects of the health policy process including the use of evidence and political feasibility; (3) practicing policy analysis on a topic of choice using a defined sequence
Social Equity & Public Administration	Public Policy & Administration	PPA 515	G	SI	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.
Autism Studies: Assessment & Instruction II	Special Education	EDA 375	UG	SI	This course is designed to inform students about assessment and instructional planning for individuals with autism. Emphasis will be placed on students demonstration of planning for and implementing assessments across the range of domains including behavior.
Curriculum & Instruction II	Special Education	EDA 421	UG	SI	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. Field clearances required.
Family Systems in Special Education	Special Education	EDA 503	G	SI	This course bases its objectives on the knowledge of families of children with disabilities as essential for the child's education. The family is studied so that the prospective student can best know how to work with diverse families and family systems.
Introduction to Urban Community Change	Urban Community Change	RUX 110	UG	SI	This course explores the idea that people critically understanding the world and how to act in and for themselves on the world to change it is an essential quality of humanity.
Youth Empowerment and the Urban Context	Urban Community Change	YES 300	UG	SI	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 elementary or middle grades classroom in an urban school.
Body Politics	Women's & Gender Studies	WOS 100	UG	SI	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.
Intro to WGS	Women's & Gender Studies	WOS 225	UG	SI	An interdisciplinary course designed to enable students to analyze the lived experience 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.
Intro to Women's and Gender Studies	Women's & Gender Studies	WOS 225	UG	SI	An interdisciplinary course designed to enable students to analyze the lived experience 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.
Sexual Identity and Culture	Women's & Gender Studies	WOS 276	UG	SI	Interdisciplinary introduction to meanings attached to human sexuality, exploring intersections between theories of sexual identity and theories of gender, class, race, ethnicity, age, and nationality.
Feminist Activism	Women's & Gender Studies	WOS 310	UG	SI	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, economic, sexual, and other oppressions.