

<u>Undergraduate</u>				
Department or Program	Course Title	Course ID	Course Description	Designation
Art	Time Arts	ART 1140	Time Arts is a foundations art course that explores the “fourth dimension” in art: time and space. Using such media as video, sound, animation, installation art and photography, the course investigates the potential for art in unexpected spaces and explores processes that unfold over time. Examination of environmental problems and discussions around sustainability occur throughout the course in various ways and are incorporated into project themes.	Sustainability-Inclusive
Biology	Biology: The Science of Life	BIO 1064	The goal of this course for the non-science major is to promote biological literacy and a working knowledge of biological concepts gained through laboratory work, group collaboration and class discussion. Laboratory experience will be integrated with concurrent lecture activities. Course topics will include the nature of science, biodiversity, genes and genetics, evolution and human impacts on the biosphere.	Sustainability-Inclusive
Biology	Introductory Population Biology	BIO 2512	Topics of study in this introduction to organization and function of biological systems at the population level including population genetics, patterns and mechanics of evolutionary change and basic concepts of ecology. Climate change is also covered.	Sustainability-Inclusive
Biology	Biotechnology	BIO 3104	Students explore how biological systems are utilized in scientific research. In collaboration with their peers, students will apply the techniques of molecular biology (restriction digestion, transformation, DNA hybridization, PCR, etc.) to investigate a research question. Emphasis will be placed on protocol design, solution preparation and critical analysis of research data. Additionally, the social context of biotechnology will be investigated as students explore the risks and rewards in this expanding field. The course includes plant biotechnology and how some plants are being genetically modified so they are better at carbon sequestration. The course also covers the past, present and future of bioremediation. Some topics such as biofuels production and bio-batteries are discussed as we discuss different ways that microbes can be used in new more sustainable ways. In addition, when the impact of aquatic and agricultural biotechnology are discussed, the course analyzes the different ways of producing food.	Sustainability-Inclusive

			<p>Neotropical ecosystems contain much of the biodiversity on Earth, and floral and faunal distributions from South and North America come together on the Panamanian isthmus. The topography and biogeographical history of Panama make it a biodiversity hotspot, encompassing a dozen life zones and ecosystems ranging from montane páramo to humid lowland tropical forests and coral reefs. In this course, students will visit three ecologically and culturally distinct areas, quantify forest and marine invertebrate biodiversity, and contribute to an ongoing professional research project on behavioral ecology. Sites include the La Amistad National Park, the Guna Yala archipelago, Soberania National Park, and the Smithsonian Tropical Research Institute at Barro Colorado Island. Cultural experiences will include homestays with local families in a montane agricultural town, visiting NGOs in Cerro Punta and Guna Yala, and living and working at an international research station. Dedicated students will gain experience conducting ecological research in tropical environments, explore Panamanian perspectives on ecology, conservation, and the value of basic science, and broaden their competence navigating a different culture. [Description for Winter Term 2023 offering of this course taught in Panama.]</p>	
Biology	Field Biology	BIO 3642		Sustainability-Inclusive
			<p>This course will survey the principles of toxicology pertaining to human health and risk assessment. Using case studies, current scientific literature, data analysis and discussion, we will examine the three main categories of descriptive, mechanistic and regulatory toxicology. Fundamental concepts - such as dose, route, site, duration and frequency of exposure; absorption; distribution; excretion; chemical interactions; metabolism; and dose response - will be introduced. Building on that foundation, students will investigate methods used to assess carcinogenesis, mutagenesis and teratogenesis. The course covers topics related to the human effects of physical and chemical contaminants. One assignment at the end of the semester asks students to develop a case study on a current topic of toxicological concern and then teach the class with that case study. They investigate the causes and problems associated, discuss public policy and alternatives or amelioration.</p>	
Biology	Toxicology	BIO 3650		Sustainability-Inclusive

			This course will cover the principles and theories of modern conservation biology. First, a foundational understanding of concepts will be developed, such as: the patterns and processes that lead to our current levels of biodiversity, consequences of the loss of biodiversity, the link between organisms and communities and ecosystem-level processes and ecosystem services, invasive species sources and management, habitat loss and fragmentation, population viability analysis and habitat conservation, conservation tools and planning, and climate change. An important part of the class is an end-of-semester team presentation about one of North Carolina's many conservation organizations.	
Biology	Conservation Biology^	BIO 3701		Sustainability-Inclusive
			This course is designed to introduce students to the diverse and exciting world of business, which engages professionals in creative and analytical thinking to solve problems and seize opportunity. However, business is a multi-dimensional discipline, requiring professionals to understand societies, economic forces, and political philosophies as well as markets, money, people, and the overall environment in which "the firm" operates. In addition, students will explore the meaning of "work" and its role in business. Students will be introduced to the traditional business disciplines, including accounting, finance, marketing, and management, as well as the broad societal environments in which those disciplines operate and interact. Students will also develop the analytical skills and communication skills (written and oral) expected in the business environment. This course includes 3 modules that incorporate sustainability challenges. The modules are be (1) Economic Systems and Business, (2) Ethics and Social Responsibility, and (3) Social Inequality. Each module includes lectures, class discussions, and exam questions.	
Business	Gateway to Business	BUS 1110		Sustainability-Inclusive
			This course provides an introduction to the relationships among the firm, society, and the laws and regulations governing the conduct of business. Topics covered include, corporate social responsibility, sustainable business practices, the structure of the legal system, as well as key substantive areas of legal regulation such as, antitrust, intellectual property, torts, products liability, contracts, employment and more.	
Business	Legal and Ethical Environment of Business	BUS 2210		Sustainability-Inclusive

Business	Strategic Management	BUS 4970	Strategic Management involves taking the perspective of key decision-makers in developing a holistic, integrative approach for an organization to achieve sustainable competitive advantage. Through the analysis of current global trends, organizational strengths and challenges, and the competitive environment facing the organization, the course provides a framework and techniques for students to consider strategic organizational decisions. Equally important, the course focuses on how these decisions will be implemented throughout the functional areas (i.e., marketing, finance, supply chain, accounting, human resources, etc.) while considering the organizational and leadership implications of execution. The course actively engages students in a competitive business simulation requiring the application of all functional areas in the pursuit of a chosen strategy. Sustainability is included in this course through topics such as the stakeholder theory, corporate responsibility, triple bottom line and corporate governance.	Sustainability-Inclusive
Chemistry	Culinary Transformations: The Science Behind What's Cooking	CHM 1310	This course introduces fundamental chemical concepts and their relationships to cooking, baking, and other culinary transformations. Topics may include different methods of food preparation such as toasting, microwaving, fermenting, and baking. The purpose of certain ingredients in recipes and the reasons why some of grandma's tricks in the kitchen really do make a difference will be discussed. When this course is taught during Winter Term in Italy, sustainable, organic farming and food production from an Italian perspective, which emphasizes small-scale farming and polyculture, is covered in the course. In addition, EU regulations around food are compared to those in the US (i.e., GMO seeds, use of pesticides, etc.) and the Slow Food Movement is covered. The course includes visits to farms and food production sites as well as guest lecturers.	Sustainability-Inclusive
Chemistry	Environmental Chemistry	CHM 3050	This course provides a survey of chemical topics applying to selected pollutants in the air, water and soil. Topics include production and diffusion, photochemical processes, techniques for analysis, acid-base and redox chemistry, environmental and biological effects. The goal of the course is to deepen understanding of chemical processes that influence the environment. The course covers atmospheric chemistry and air pollution, climate change and energy, and water chemistry and water pollution. The course includes a project for which students explore one chemically based solution to an environmental problem or challenge.	Sustainability-Inclusive

Chemistry	Senior Seminar in Chemistry	CHM 4970	This capstone course will combine examination of an advanced special topic that draws from several sub-disciplines in chemistry with an intensive student seminar presentation based on recent literature. Possible topics include physical organic, bioanalytical, advanced environmental and organometallic chemistry. Based on the instructor's expertise, the spring 2023 theme was Emerging Environmental Contaminates. Each student selected an emerging commitment or suite of contaminants and produced both an oral presentation and review paper that covered: the history and use(s) of the chemical(s); its manufacture and synthesis; persistence and detection in environmental systems (i.e., instrumentation); degradation in natural systems (if applicable); biological interactions/toxicity; sustainable remediation/removal. Potential chemical classes include but are not limited to, PFAS, microplastics, engineered nanoparticles, brominated flame retardants, trace metals (i.e., Hg, Pb), disinfection-by-products, neonicotinoids, artificial sweeteners, tire road chemicals, personal care products, etc..	Sustainability-Inclusive
Cinema & Television Arts	The Documentary	CTA 3550	Students trace the origins of the documentary and analyze its status today, looking at a range of styles, techniques, and methods. Students apply these concepts to the production of short non-fiction works. The goal of the course is to explore the use of documentaries for social and cultural change, political and artistic expression, and professional advancement. One of the short film projects in the course is to document an issue, cause, organization, person, etc. that embodies or promotes social discourse that students feel strongly about and is important to them.	Sustainability-Inclusive
Communications	Environmental Communications	COM 3310	The environment is central to our future. Students develop an understanding of environmental issues and communication practices to promote public awareness, change behavior and influence public policy. The class analyzes media coverage of sustainability topics and methods for informing, educating and influencing important target audiences.	Sustainability-Inclusive

Core Curriculum (Program)	Teaching and Learning Financial Literacy	COR 3120	<p>“How does health insurance work?” “What is a 401(k) and how do I use it?” “How will finances impact my ability to reach personal goals?” Many people, and especially college students, struggle to answer these questions. In this class, students will first investigate basic financial principles that can help prepare them for a life after college. The class will then transition to discussing challenges related to gaining and promoting financial literacy in society. We will explore the social, emotional and societal problems that often result from a lack of financial literacy, and how these problems affect health and wellness for many individuals and families. Finally, for a Capstone Project, each student will create a project that utilizes their skills and interest, including those gained throughout their experience at Elon, in helping to promote financial literacy on campus and in the local community. This course discusses the topic of financial sustainability. It is focused individuals and families, and how sustainable finances can improve overall wellbeing. We also spend a considerable amount of time discussing the negative consequences to individuals, as well as society at large, due to unsustainable choices made by individuals.</p>	Sustainability-Inclusive
Core Curriculum (Program)	Plants and Civilization	COR 3140	<p>This course will explore the diversity of plants and their relationships with people. The primary focus will pertain to the interconnections between botany and culture. This includes social, economic, political, medicinal, and historical aspects of plants and plant products in civilization. This course will provide a better understanding and appreciation of how plants are used by humans, including pharmaceutical, industrial, and nutritional products, as well as the role plants play in maintaining a healthy planet. The course includes sections on agriculture/GMOs (including Fairtrade and Rainforest Alliance), climate change and plant species loss, and plants and the environment (forests destruction, biodiversity, extinction).</p>	Sustainability-Inclusive

Core Curriculum (Program)	Wilderness and Adventure Therapy	COR 3310	<p>This course will introduce students to the skills needed to successfully facilitate therapeutic wilderness and adventure experiences by exploring the concepts and practices underpinning these approaches. A broad spectrum of theory, research, and current applications for wilderness and adventure therapy will be discussed and investigated, including how outdoor experiences can reduce stress, restore attention, enhance self-concept, and promote personal meaning. The course will focus on the use of these therapies to restore, remediate, and/or rehabilitate individuals with various illnesses and/or disabilities. Students will be assigned a fictional case study, and will develop throughout the course a corresponding therapy plan incorporating studied techniques as the capstone project. The course includes an international multi day hike component and Leave No Trace training and certification, as well as a group project to discuss the course destination's sustainable practices (challenges and triumphs) and to construct a recycling project.</p>	Sustainability-Inclusive
Core Curriculum (Program)	Sustainable Seas: Envisioning a New Future for Earth's Oceans	COR 3370	<p>The students in this course will develop and imagine a pathway to lead to sustainable use of the oceans by the growing human population. Earth's oceans represent the greatest unexplored region of our planet, a major component of the climate system, and a vast reservoir of resources that has been mined since the earliest human civilizations arose. Industrialization and technological innovation have led to ocean-wide pollution, harmful algal blooms, over-exploitation of fish stocks, coral reef death, and ocean acidification. Despite these problems, the interaction between humans and the oceans is not destined to follow a path of mutual destruction. Creative and imaginative people can envision a sustainable future in which the oceans will supply food, carbon free energy, medicines, and climate stabilization. Students will explore innovative approaches in the fields of environmental ethics, resource management, international policy, ecological economics, and ocean science that will lead to this sustainable future.</p>	Sustainability-Focused

Core Curriculum (Program)	The Moral Limits of Markets	COR 3540	<p>What makes a good society? To answer the question, you must bring in ideas from religion, the fine arts, history, and science. In other words, you must put together what you learned during the Elon Core experience and use it to add your own arguments about what makes a good society. In this course, you will tackle a specific contested issue that we face in market economies --- whether limits should be placed on the use of certain settings where people buy and sell things. On the one hand, some argue that markets create the wealth and prosperity needed for a good society. From such a view, you might be wary of placing any limits on the use of markets. On the other hand, you might be concerned that buying and selling certain things harms society. This view demands limits on what can be bought and sold. The debate about the role and reach of markets continues today and some civic commentators insist that we need you to start new conversations. Let's begin the journey.</p>	Sustainability-Inclusive
Core Curriculum (Program)	Ecology and Economics in a Globalized World^	COR 3610	<p>This course will follow the parallel, complementary, and interdependent development of economics and ecological theory. We will use the growth of the British Empire to understand the myriad impacts that human demand for natural resources has on the environment and human society. As an example of this, we will follow British demand for three historical raw material commodities: tea, sugar and cotton, to understand how they influenced national economies, brought about a strong British middle class, and led to greater access to education including scientific fields. However, our examination of the history of these commodities also forces us to question Britain's manipulation of world politics, the use of military force to protect private investment, the changes in human demographics from the enslavement of various peoples, the use of child labor for much of its economic growth, and how these issues changed our attitudes towards social and civil rights. This historical review will also help us consider the challenges we will face in the future as the human population continues to grow and to demand resources that fuel economic growth while recognizing that healthy ecosystems are essential for our own well-being.</p>	Sustainability-Inclusive

Core Curriculum (Program)	Prison Nation: Deconstructing the Prison Industrial Complex	COR 4050	<p>In a land that claims to be the greatest advocate of democracy and civil rights in the world, why are more prisons than schools being built? Why does America lead Western nations in the number of persons incarcerated? What factors account for the disproportionate number of minorities and the poor represented in America's criminal justice system? Why do women represent the fastest growing segment of the population going to jail? Is prison an actual deterrent to crime? Who are the people actually being incarcerated, the most serious offenders or those who have committed less serious offenses? Why has prison become a "resort" for some offenders? The course will utilize texts from various disciplinary perspectives to provide great springboards through which students might explore some of the complexities of criminal justice in the United States the criminalization of various segments of American society and the ways in which the nation and private corporations benefit from crime.</p>	Sustainability-Inclusive
Core Curriculum (Program)	Permaculture: Food, Culture and Sustainability	COR 4290	<p>It is projected that our world will face increasing pressures on its capacity to maintain itself and ourselves as well. Central to this discussion is man's need for food, fiber, energy and shelter. This question is not only physical, but social as well. What choices will we need to make? What skills will we need to develop? Will our own personal and world views need to change to give the best probability of success? Permaculture offers design principles that provide for our needs through consciously designed landscapes, which mimic patterns and relationships found in nature. Permaculture also includes people, their buildings and the ways they organize themselves. Lessons from the first 10,000 years of agriculture, combined with permaculture principles and self and local community values will be explored and applied to a design for a sustainable future.</p>	Sustainability-Focused
Core Curriculum (Program)	To Boldly Belong: Space Exploration and Environmentalism as Sustainable Quests	COR 4320	<p>What do tree-huggers and rocket boys have in common? Space exploration and environmentalism are both sustainability quests dedicated to protecting or seeking out life and securing a future for life in general and for humanity in particular. This course combines philosophy with the sciences to examine how the quest for sustainable life on an imperiled Earth and the quest for sustainable exploration of space have much to say to each other, even as their advocates champion very different paradigms for global priorities and funding.</p>	Sustainability-Focused

Core Curriculum (Program)	Poverty and Social Justice	COR 4430	<p>As an interdisciplinary capstone seminar for the Elon Core Curriculum, this course is designed to examine the topics of poverty and social justice from a variety of disciplinary perspectives while prompting students to consider their own relationship to the causes and solutions to poverty both domestically and internationally. This course also serves as the capstone experience for the Poverty and Social Justice program. In this capacity, the course helps students integrate their learning about poverty over the course of their program and helps deepen student's knowledge of the scholarly treatments of poverty by examining and discussing poverty research from a variety of disciplinary perspectives including economics, legal studies, philosophy, politics, and policy analysis. Student work will focus on examining how poverty alleviation can be engaged from multiple disciplinary approaches and will include particular attention to practical strategies for pursuing poverty alleviation. The goal of the capstone course for both General Studies students and PSJ minors is to help students think in creative and critical ways about how their career pathways and civic engagement opportunities after graduation might contribute to poverty alleviation.</p>	Sustainability-Focused
Core Curriculum (Program)	Global Partnership through Service	COR 4450	<p>This course serves as a capstone experience for Scholars in the Periclean Scholars program. In this course, Scholars will continue to learn about the politics, culture, history, language, social issues, and international relations of the country of focus. Scholars will also continue to develop partnerships related to the Class mission and goals. Scholars will be required to demonstrate a broad command of the theoretical and methodological tool sets that they have learned from prior Periclean courses, classes in the Core Curriculum, and from work their own discipline(s) of study. Scholars will be expected to communicate these perspectives to other Scholars in their cohort, and to effectively use these acquired skills to meaningfully contribute to the various class projects and goals. Scholars will also explore issues related to grant writing, humanitarian aid, and sustainable program development.</p>	Sustainability-Inclusive
Core Curriculum (Program)	Diversity and Social Justice: Building Cultural Competency	COR 4540	<p>Through exploring central issues in diversity and social justice, this course aims to present the importance of critical self-reflection, cultural competency and personal responsibility in helping college students become cultural brokers. Social justice theory will be examined, as well as various aspects of diversity, in order to help students interact, communicate, work, and serve in a diverse world. Special attention will be given to the role of power, culture, privilege and oppression, in helping students become culturally competent. Students will have the opportunity to explore how diversity and social justice affect personal, academic, and professional goals.</p>	Sustainability-Inclusive

Core Curriculum (Program)	Sustainable Development: Social, Economic, and Environmental Challenges and Opportunities	COR 4550	<p>This course explores the challenges and opportunities ahead in creating an environmentally safe and socially just space for humanity, which fosters inclusive and sustainable economic development. The course focuses on the development and management of sustainable enterprises as the means for addressing these challenges and opportunities, including, public and private for-profit businesses, governmental, non-governmental, and non-profit organizations. Students will further their knowledge and understanding in preparation for their roles and contributions as global citizens. They will create a community of collaborative learning about developing and managing sustainable enterprises which addresses and integrates their majors and topics of interest within the three areas of sustainability: social well-being, economic well-being, and environmental well-being, within the means of the earth's limited natural resources and the critical thresholds which sustain ecosystems and human life.</p>	Sustainability-Focused
Core Curriculum (Program)	Realistic Environmental Solutions	COR 4560	<p>In this course we use simulation games, debates, and other classroom activities to take on the biggest environmental issues ever faced by humanity. We examine the benefits and costs of industrialization, how free markets create both solutions and dilemmas, and realistically how to address large-scale environmental problems such as climate change and species extinctions. We will explore the viewpoints of diverse stakeholders as we seek to understand and navigate relevant disciplines including history, economics, environmental science, psychology, entrepreneurship, and public policy. We will consider the tradeoffs that inevitably occur at the interface of the economy, the environment, and society, and how human societies might thrive in the future.</p>	Sustainability-Focused
Education & Wellness	Environmental Education	EDU 4310	<p>Students in this interdisciplinary course will learn about the foundational principles, emerging trends, and best practices in environmental education. Topics of study include place-based education, environmental justice, ecological citizenship, school gardens, nature pedagogy, forest schools, learning theories, curriculum design, and management and assessment techniques. A field experience with a community partner will allow students to acquire and apply knowledge and skills in a local context.</p>	Sustainability-Inclusive

Education & Wellness	Garden-Based Learning	EDU 4640	The purpose of this course is to support school gardens in the local community. Students will facilitate planned and emergent lessons during after-school garden clubs, collaborate with teachers at partnering schools, and assist with the maintenance of school gardens, including planting, harvesting, composting, and watering. In addition to curriculum development, instructional methods, and assessment strategies, students will also learn about environmental literacy, sustainability education, nature pedagogy, food justice, and antiracism. Prior teaching experience is not required.	Sustainability-Inclusive
Education & Wellness	Perspectives in Personal and Global Health	WHE 2850	This course is designed to explore basic concepts relating to optimal health and well-being from a holistic perspective - the state of health based on the interrelated aspects of mind, body and spirit on individual and global levels. Emphasis is placed on current health issues that affect the emotional, physical, social, intellectual, spiritual and environmental aspects of one's life. This course will explore personal health issues from multiple cultural and global perspectives. Topics related to health, including stress, alcohol and other drugs, physical fitness, nutrition, weight control, disease prevention, sexuality and mental health. This course is designed to cultivate life-long health and well-being through acquisition of knowledge and skills as well as an understanding of individual, community and global responsibility. Students will gain an understanding of the complexity of factors influencing health behavior in order to begin envisioning ways to impact health.	Sustainability-Inclusive
Elon College Fellows	Elon College Fellows Sophomore Seminar	ECF 2120	This course exposes students to the disciplines that comprise each branch of the arts and sciences. Through theme-based or team-taught seminars, students become familiar with the questions that each discipline addresses, the tools, resources and paradigms used by each field and consider integration across disciplines. The seminar facilitates finding a mentor in preparation for developing the Elon College Fellows research project. Fellows enroll in the section that most closely matches the student's academic major. In Dr. Duvall's course, the class learned about the process of doing research by completing research projects on the topic of climate change. The class learned about the topic, and discussed how the various sciences can approach the problem. The students formed teams and proposed, planned, and completed projects that relate global problems to Elon and the NC area. Two projects were completed: investigating the feasibility and quality of sustainable fabrics and comparing the various duck habitats of Elon lakes.	Sustainability-Inclusive

Engineering	Structure and Properties of Materials	EGR 2260	This course introduces students to basic principles in materials science and engineering and establishes an understanding of structure-property relations in engineering materials. Atomic bonding and microstructure will be examined for properties ranging from mechanical, thermal, electrical, optical, magnetic, and chemical. Students will gain a broad perspective and knowledge of materials used in modern society. The course includes a section on materials selection and design that covers the economic, environmental and societal issues in materials science and engineering. This includes considering the product lifetime and materials to be recycled and/or reused and the economic aspects involved in recycling different classes of materials.	Sustainability-Inclusive
Engineering	Hydrology	EGR 3540	Hydrology is the study of the processes which cycle water between the oceans, atmosphere, and land surface. Understanding the physical processes which dictate the interaction of water with the landscape is thus fundamental to managing our resources in the face of mounting environmental challenges and natural resource pressures. This course focuses on surface and near surface processes. A broad range of specific topics is covered: e.g., the hydrologic cycle, watershed hydrology, runoff generation, physical and biophysical vadose zone processes, erosion and sediment transport, and eco-hydrological systems. In hydrology, we study the principles and flow paths of the water cycle and humans alter it. The course focuses on surface water quantity and also includes groundwater and water quality. The final portion of the course focuses on developing engineering designs to address water quantity/quality issues. As part of this, students must consider engineering fundamentals, stakeholder needs, and broader impacts on community and environment.	Sustainability-Inclusive
English	American Environmental Writers	ENG 3330	A study of the major American environmental and natural history writers with close attention to issues of environmental ethics, aesthetics of nature and cultural attitudes towards the environment. The authors studied are Thoreau, Muir, Leopold, Carson, Abbey, Lopez, Wilson and Snyder. The course will emphasize the growing ethical and aesthetic appreciation of nature in American culture and how the insights of environmental writers can be used to address the environmental crisis.	Sustainability-Inclusive
Environmental Studies	Current Issues in Environmental Science	ENS 1010	Designed for non-science majors, this course focuses on reading, interpreting and evaluating facts behind environmental issues and exploring the implications for science and human society. Topics will focus on understanding environmental processes such as energy flow and matter within ecosystems and human relationships with these environmental and ecological systems. Themes of sustainability will be woven throughout the course.	Sustainability-Focused

Environmental Studies	Animal Social Behavior in a Changing World	ENS 1030	Throughout history, knowledge of animal behavior was critical for survival of the human race. Technological advances have seemingly removed us from the natural world, but with these advances come an even greater need to understand how our activities affect ecosystems. The goals of this course are to examine many aspects of behavioral ecology including sexual selection, mate choice, aggression, territoriality, cooperation, and altruism in animals from insects to mammals. It will also examine whether human impact and environmental changes have altered these behaviors, and, if so, what this means for the future of these species.	Sustainability-Inclusive
Environmental Studies	Humans and Nature	ENS 1100	This course introduces a multidisciplinary perspective on environmental issues, concentrating on such topics as the historical transformations of the human relation to nature; understandings of the roots of the current crisis from diverse philosophical and spiritual perspectives; the sociology, politics and economics of environmental issues as they currently stand; and an exploration of our imaginative and expressive (artistic, literary, and poetic) resources for articulating the current crisis and seeing our way beyond it. Field trips and special readings introduce these questions in the context of North Carolina's Piedmont region.	Sustainability-Focused
Environmental Studies	Introduction to Environmental Science w/ Lab	ENS 1110/1130	111-This course explores the fundamental principles of the biological and physical sciences behind natural ecosystems. The central focus is the study of ecosystem function, human impact and techniques of environmental assessments. Students consider different worldviews and the development of solutions. 113-Students will be introduced to techniques for environmental assessment. The focus is on field research as applied to environmental management.	Sustainability-Focused
Environmental Studies	Community Agriculture: Fall Harvest	ENS 1200	This half-semester course will examine community and local food systems through the lens of scientific inquiry. An emphasis is placed on critical thinking skills, as students evaluate impact of food production and consumption decisions on their personal, local and global environments. Students will also conduct hands-on projects that introduce the science behind food production.	Sustainability-Inclusive
Environmental Studies	Community Agriculture: Spring Planting	ENS 1210	This half-semester course will examine community and local food systems through the lens of scientific inquiry. An emphasis is placed on critical thinking skills, as students evaluate impact of food production and consumption decisions on their personal, local and global environments. Students will conduct hands-on projects that introduce the science behind food and fiber production, including soil quality, environmental costs and benefits of different production approaches, and plant propagation.	Sustainability-Inclusive

Environmental Studies	The Art of Sustainable Architecture	ENS 1600	This course introduces students to sustainable design within a societal context framed by underlying historical and philosophical paradigms. With the premise that the built environment is real—it is dwelled in, created, used and sits in time and space—the relationship between the material manifestation of design and its philosophical interpretation and meaning will be emphasized throughout the semester. The course is formatted as a series of thematic modules during which students familiarize themselves with applicable theories, analyze relevant work and create a physical artifact. Each module will culminate in a critique of the class' production.	Sustainability-Inclusive
Environmental Studies	Environmental Science in Movies^	ENS 1730	This course examines and critiques the environmental science content of some popular movies. While many movies utilize science concepts to develop the plot, students will consider the validity and representation of environmental science concepts and then look deeper at those principles as they apply to the world around us. Students will also consider how they use their understanding of environmental science in their lives, and how they evaluate the validity of what they see in the popular media.	Sustainability-Inclusive
Environmental Studies	Strategies for Environmental Inquiry	ENS 2000	This course consists of in-depth examination of different ways of thinking about and studying the environment, with a primary emphasis on conducting scholarly work within an interdisciplinary framework. Topics include: researching and writing literature reviews; qualitative and quantitative research methods used in natural sciences, social sciences and the humanities; basic empirical design and statistical methods; stakeholder analysis; and analysis of value systems. Course learning outcomes are: envision and plan ways to act as a change agent for environmental and coupled environmental/social outcomes, apply an understanding of individual psychology to foster and encourage behavior change, apply an understanding of systems and cultures to foster and encourage systemic change.	Sustainability-Focused
Environmental Studies	Garden Studio: Fall and Winter Gardening	ENS 2200	This semester-long course is designed for students who want hands-on learning about home-scale gardening and food production taught through the lens of the humanities. Emphasis will be on the interrelationships among humans, food, and local culture within the context of cold weather crops and season-extending techniques. This class will have a strong writing and reading component that complements activities connected to the Elon Community Garden, the Elon greenhouse and the Loy Farm. From poetry, memoirs, to technical resources, students will read about gardening history and design, soils, and plant cultivation from environmental and humanistic perspective. Students will keep a gardening journal, create their own garden, develop an heirloom seed collection, and assist with a fall harvest festival.	Sustainability-Inclusive

Environmental Studies	Garden Studio: Spring and Summer Gardening	ENS 2210	This semester-long course is designed for students who want hands-on learning about home-scale gardening and food production taught through the lens of the humanities. Emphasis will be on the interrelationships among humans, food and local culture within the context warm weather crops used in North Carolina. This class will have a strong writing and reading component that complements activities connected to the Elon Community Garden, the Elon greenhouse and the Loy Farm. From poetry, memoirs, to technical resources, students will read about gardening history and design, soils, and plant cultivation from environmental and humanistic prospective. Students will keep a gardening journal, create their own garden, and conduct a local heirloom plant sale.	Sustainability-Inclusive
Environmental Studies	Sustainable Food Production	ENS 3110	Food production issues of organic and conventional food production will be discussed. Topics will include: soil and resource management, closed loop fertility, personal diet design, compost, pest management and planning and planting of crop cycles. Biointensive food production will be emphasized. Biointensive is a millennial old technique used by various civilizations that has been developed to address sustainable food production. It is widely promoted by many development NGOs including the Peace Corps.	Sustainability-Focused
Environmental Studies	Agroecology	ENS 3140	This course covers the science and practice of agricultural food production and its impact upon surrounding landscapes. Currently, 38% of the land surface (including mountains, urban centers, tundra, and set asides) are used in food production. Additionally there will be more mouths to feed and more calories per person needed. These factors contribute to a growing impact on our natural world to provide for us and to maintain natural system services. Farming for both our food, energy and fiber needs and for the support of natural system services will be critical for the overall wellbeing of ourselves and for future generations. This class includes a required co-requisite lab component. Prerequisite: ENS 111/113 or permission of the department chair.	Sustainability-Inclusive
Environmental Studies	Biogeography and Conservation	ENS 3310	Humans are living in a period that is commonly thought of as a 6th mass extinction. Biodiversity is declining at the fastest rate in recorded human history, and the consequences of this loss will be profound, both for the planet and for the people who live here. It is impossible to understand, and correct, biodiversity loss without understanding the spatial context in which declines and extinctions occur. This course will focus on conservation through a spatial lens. Understanding the relationship between geographic place and biodiversity will be the major theme throughout this course.	Sustainability-Inclusive

Environmental Studies	Sustainable Design Technologies	ENS 3660	This course explores the overlapping design process concepts of representation and fabrication through the multiple morphing lenses of sustainability. Students will be introduced to the major phases—and to the complex relationships between these phases—that constitute the development of a sustainably built environment. The course will encourage students to map and evaluate sustainable materials, structures, systems, strategies and processes. Students will have the opportunity to experiment with current—as well as emerging—sustainability-oriented design, prototyping and fabrication techniques. Tools including Building Information Modeling [BIM], 3D prototyping and Computer-Aided Manufacturing [CAM] which can accelerate a project’s sustainability potential by allowing the designer to optimize the deployment of actual materials.	Sustainability-Focused
Environmental Studies	Senior Seminar: Environmental Assessment and Project Development	ENS 4970	Students work as a design and management team on a semester-long local or regional environmental project. Students must be able to analyze data, conduct field research and critically analyze studies and other materials associated with environmental issues. They must also recognize the value of community partnerships in their work, and to work effectively with these partners and stakeholders. The goal of this course is for students to improve and demonstrate these cross-disciplinary skills.	Sustainability-Inclusive
Finance	Advanced Managerial Finance	FIN 4130	The in-depth study of financial management from the perspective of valuative theory involves discussions of topics such as security evaluation and capital budgeting within the framework of the Capital Asset Pricing Model. Study relates cost of capital, capital structure and leverage to valuation concepts. Examination of long-term financing includes studies of leasing as well as warrants, convertibles and options. Valuation impacts of mergers and reorganizations are also covered. Course includes discussion of the purpose of the firm and differences between welfare maximization and profit. Different sections also include related recent cases, research, articles and podcasts on topics ranging from poverty and quality education to innovation and sustainable investing.	Sustainability-Inclusive

Finance	Blockchain and Emerging Financial Technologies^	FIN 4973	<p>This course introduces students to blockchains and other emerging financial technologies. The course covers topics such as the technical innovations that make blockchain technology possible, what Bitcoin is and how it works, smart contract platforms, Layer 1 platforms, crypto ecosystems and crypto markets, Decentralized Finance (Defi), artificial intelligence in finance, and automated investing platforms. We will emphasize data competency and complete several data-related projects. Sustainability is incorporated from various angles. First, we talk about the raw environmental impact of blockchain/crypto technology through the lens of mining, alongside techniques developed to alleviate the problem (clean energy mining, staking...). Second, we discuss the intersection of the social and economic impact of these new technologies. We discuss why they are so popular, the number of unbanked or underbanked people that can benefit from these technologies, and how it can help uplift previously marginalized communities and populations. We focus on the opportunities at hand, their potential to benefit society at large by making the world more sustainable through a streamlined access to financial services, by bringing cheap and worldwide financial access to customers while integrating modern eco-friendly technologies.</p>	Sustainability-Inclusive
Global Education (Program)	Barbados: Culture, Politics and Society	GBL 2450	<p>This interdisciplinary course examines the culture, society and people of present day Barbados. Course content focuses on Barbados' politics, its post-colonial history, education, tourism and its economy. Please note that this course requires extensive use of public transportation in the completion of required course activities. Such activities include frequent walking and hiking in a tropical climate. Sustainability topics are incorporated into the course using the 'three pillars' framework by exploring the economic, environmental, and social aspects of sustainability initiatives in Barbados. This includes examining the country's recycling program, production and use of solar power, food supply, fresh water reserves, and the effects a tourism-based economy has on sustainable practices. The Sustainability Student Learning Outcomes are: 1) Explain how sustainability relates to Bajan life, values, and actions; 2) Explain how Barbados' natural, economic, and social systems interact to foster or prevent sustainability; 3) Apply knowledge of sustainability to daily habits and consumer mentality; 4) Analyze sustainability practices in Barbados using a multidisciplinary approach; 5) Apply concepts of sustainability to study abroad by engaging in the challenges and solutions of sustainability.</p>	Sustainability-Focused

Global Education (Program)	Costa Rica: Language, Culture, and Ecotourism	GBL 2520	<p>The course is an interdisciplinary study combining language, culture, society, and the environment. Course objectives include improving conversational Spanish ability, basic understanding of Costa Rica's development and current issues. Elon students will live with Costa Rican families in a suburban neighborhood and will use public buses and taxis to get around the city. Eight nights will be spent outside of the San José area near national parks. Unlike other Central American countries which experienced political turmoil in the 1980's, Costa Rica has a long-standing democratic tradition which makes it the most peaceful nation in the region. Over 60 years ago, Costa Rica abolished its army and devoted its resources to education, health care and economic development. It has since become a popular destination for ecotourism. Elon's program is based in the capital city of San José, a metropolitan area with a population of 600,000 whose inhabitants enjoy a mild climate which requires neither heating nor air conditioning.</p>	Sustainability-Inclusive
Global Education (Program)	Critically Engaged Eco-Tourism in New Zealand	GBL 2660	<p>This interdisciplinary course is designed to introduce the student to the culture of the Maori people, topics of stewardship of natural resources, environmental sustainability and positive action for change. A major emphasis in this specific course is the growing worldwide emphasis on green tourism and the expansion of adventure based learning. Students will learn of various methods for conserving natural resources; we will walk on glaciers, hike on a growing mountain range, boat in geologically unique fjords, trek through pristine rainforests, discover stunning waterfalls, study two greatly variant coastlines, compare man-made and natural lakes and a variety of rivers along the way. All these activities will be done with a focus on understanding the special niche each has in the overall environment, Maori's Papa, the Earth Mother.</p>	Sustainability-Inclusive
History & Geography	The World's Regions	GEO 1310	<p>This course offers an in-depth survey of various global regions, highlighting their unique and shared features. It focuses on geographical locations, environmental aspects, and human influences that shape the identity of these regions. Students will engage in comprehensive analysis of transformation, challenges, possibilities, and prospective futures. Key topics explored include sustainable development, the Anthropocene era, and the impacts of environmental change and global warming.</p>	Sustainability-Inclusive

History & Geography	Global Environmental Change	GEO 3450	This course explores the physical and human geographical aspects of global environmental change, focusing on the effects of past climatic changes upon present landscapes, historic short-term fluctuations in temperature and precipitation, possible explanations for climatic change over time, the impact of human action on the Earth and its environmental systems, and the projection of future environmental changes. This course provides students with an understanding of the latest scientific investigations and technology in environmental studies.	Sustainability-Focused
History & Geography	Natural Disasters	GEO 3460	Natural disasters, such as hurricanes, tsunamis, earthquakes, volcanoes and floods can occur almost anywhere and reoccur in the same area, making it important to learn how to prepare for them. This course provides an introduction to the types of natural disasters people face. It explores the types, frequency, geographic distribution, physical processes that cause those hazards, their effects on human society and how humans evaluate and respond to minimize losses from natural disasters.	Sustainability-Inclusive
Human Service Studies	Social Policy and Inequality	HSS 3110	Social policies affect both the quality of life of the people who make up our society and the guidelines that determine how human services professionals are able to help them. Students in this course will study the history of inequality and social welfare in the United States, contemporary social policy, and the political, economic and social structures that influence how resources are distributed in U.S. society. Topics may include policies affecting individuals, families and children, such as health care, education, housing and employment.	Sustainability-Inclusive
Human Service Studies	Practicum Away: Theory and Practice of Human Service Studies	HSS 3981	This course introduces students to the biopsychosocial model of understanding human systems in a cross-cultural environment. Three weeks of direct practice and observation in a human services organization in an international or domestic setting away from campus allows students to apply and conceptualize various aspects of human service delivery, particularly cross-cultural practice, using this approach. Student learning will be guided and enhanced through course readings, weekly seminars, written assignments and faculty site visits. The practicum provides students with hands on opportunities to work with agencies providing human services that address an aspect of sustainability and one or more of the SDGs (e.g., good health and well-being, decent work and economic growth, reduced inequalities).	Sustainability-Inclusive
Interdisciplinary Studies (Program)	Disarming Injustice: Nonviolence and the Civil Rights Movement	IDS 2240	In this course, we will examine how civil rights leaders and activists used the theories and tactics of nonviolence to challenge the institutions of segregation in the American South. The course will culminate in travel to sites important to the movement in Atlanta, Montgomery, Birmingham, and Selma.	Sustainability-Inclusive

Interdisciplinary Studies (Program)	Periclean Scholars	IDS 2250	<p>In this foundational course students develop a mission statement for the class and research in depth the issues and topics related to that mission. Emphasis is placed on becoming deeply familiar with the multiplicity of factors that surround the group's chosen issue and developing individual and group goals (short and long term). They examine the process of and begin to understand how to be effective agents of social change. The Periclean Scholars program is part of Project Pericles, a national multi-institution initiative dedicated to increasing civic engagement and social responsibility. Periclean Scholars promote awareness of global issues and provide culturally sensitive and sustainable approaches to these issues. Each student cohort researches a country of focus and chooses an issue to address in that country.</p>	Sustainability-Inclusive
Management & Entrepreneurship	Creativity and the Doer/Maker Mindset	ENT 2500	<p>This course is an introduction to entrepreneurship with emphasis on critical thinking, creativity, opportunity recognition, and the ability to take action. Students will develop an understanding of the entrepreneurial thought process and characteristics of entrepreneurs as they explore the feasibility of novel ideas given environmental factors, market and competitive forces, and the needs of their social or commercial audience. In addition to learning about opportunity recognition, entrepreneurial traits, and developing a business plan, students are assigned weekly TED talks that they watch, summarize, and extend upon in both written and presentation form. Each week 8 students present their talks exposing students to over 60 talks by the end of the semester. Greater than 50% of these focus on issues related to environmental sustainability or other sustainable development goals. After each presentation the entire class engages in a discussion of what should be done with the information presented—which often leads to discussions on strategies to reduce consumption and ideas seeking to alleviate poverty, increase access to healthcare and education, and how to best utilize technology in communities across the globe.</p>	Sustainability-Inclusive

Management & Entrepreneurship	Entrepreneurial Finance	ENT 3400	This course focuses on managing and funding entrepreneurial ventures. Specific focus includes understanding business models, different types of organizations, and the means by which ventures can be financed. Exercises involve identifying appropriate sources of funding, reviewing potential risks and rewards, determining venture valuations, analyzing funding requirements, and preparing pro-forma financial analyses. Sustainability is incorporated into the course through student selected class projects, most of which are valuation pitches. Two of the valuation pitches are explicitly non-profit categories and often address social and/or environmental challenges. The other valuation pitches are typically triple-bottom line projects. One week of the class is dedicated to students using kiva.org to select female borrowers living in Africa to research, evaluate and present about, which helps students understand what is happening at the most micro-level.	Sustainability-Inclusive
Management & Entrepreneurship	Entrepreneurship for the Greater Good	ENT 3550	This course provides students an inside view of how entrepreneurial thinking can be applied in many environments including sustainability, social ventures, nonprofits, corporate intrapreneurship, investment firms such as venture capital firms and hedge funds, and the founding of new ventures. Students are assessed in three major categories of work: 1) quizzes that evaluate their mastery of information related to social and environmentally oriented business models and entrepreneurs, 2) 2 papers leveraging Sen's Capabilities Framework from development studies to analyze the systems of endowments and capabilities necessary for someone to successfully achieve specific indicators of well-being; and 3) group projects supporting local entrepreneurs who are currently running businesses with social or environmental commitments in Alamance County by conducting research and design projects to help these business thrive.	Sustainability-Focused
Management & Entrepreneurship	Bringing the Venture to Life	ENT 4600	This course focuses on developing business plans for new ventures and on the entrepreneurial process of new venture creation. Topics include idea conception, developing research resources, competition analysis, risk management, funding strategies, pro-forma financial projections, consideration of milestones, exit strategies and social responsibility. Students create their own new venture business plan and most of these are connected to sustainability (e.g., wellness, renewable energy, waste).	Sustainability-Inclusive

Management & Entrepreneurship	Principles of Management and Organizational Behavior	MGT 3230	This course prepares students for the challenges of management and leadership in the dynamic new workplace of the 21st century. The course examines the central role of management in the efficient and effective production of goods and services. Students will learn how strategic and operational planning, job design, organizational structure, and human behavior affect operations in manufacturing and service industries. Organizational behavior topics include leadership and ethics, motivation and rewards, communication, and teams and teamwork. The global dimensions of management are also emphasized. Sustainability is addressed through the lens of ethics and social responsibility of businesses.	Sustainability-Inclusive
Management & Entrepreneurship	HRM: Staffing of Organizations	MGT 4210	In order to achieve competitive advantage, an organization must have an effective staffing system that recruits and selects human capital. This course is designed to provide an in-depth look at staffing within organizations. Specifically, major topic areas that will be discussed are: the impact of economic conditions on staffing; employment law and how it influences staffing activities; employee recruitment; employment testing in the context of employee selection; measurement issues in employee selection; decision-making in employee selection; and maintenance of an organizational staffing system. The course also emphasizes the role of organizations and HR managers in facilitating sustainable development, specifically by promoting gender equality, decent work and economic growth, and employee health and well-being.	Sustainability-Inclusive
Marketing & International Business	Introduction to International Business	INB 2500	This course is a broadly based introduction to the study of global business. Students examine the overall nature of international business, the foreign environments that international businesses face and the unique situations associated with doing business across international borders. International culture, economic and legal factors will be explored, as well as an introduction to marketing, finance and trade around the world. The course incorporates corporate social responsibility and corporate ethics.	Sustainability-Inclusive

Marketing & International Business	Global Marketing	MKT 4160	<p>This course for the marketing and international business concentration explores the scope of global marketing. Examining the impact the global environment has upon marketing decisions and strategy formulations. Through analyses of different types of markets, students develop an understanding and appreciation of how the world is "shrinking" and the influence this has on U.S. businesses, individuals, households, and institutions. Students will monitor the global environment and report their findings on specific regions of the world to the class in order to make students more aware of the global environment. Course objectives include become familiarized with broader social and ethical concerns arising from global marketing activities, such as the need for environmental protection and sustainable development practices, corporate social responsibility, and human rights. A group project and case study focus on sustainability.</p>	Sustainability-Inclusive
Periclean Scholars (Program)	Sophomore Periclean Scholars	PER 2520	<p>In the second class of the program, Scholars deepen the research of their chosen geographic location and issue(s) of focus as they begin to put aspects of their mission statements into action. At this time, Scholars will also begin to join forces and reach out to potential partners. As the class continues to learn how to work as a cohort, emphasis is placed on academic research, effective written and oral communication, and productive and sustainable partnering techniques. The Periclean Scholars program is part of Project Pericles, a national multi-institution initiative dedicated to increasing civic engagement and social responsibility. Periclean Scholars promote awareness of global issues and provide culturally sensitive and sustainable approaches to these issues. Each student cohort researches a country of focus and chooses an issue to address in that country. Examples: Class of 2020: Cuba, project area: "Sin Embargo: A Collection of Cuban Stories" documentary; Class of 2021: Lakota Sioux Nation, Pine Ridge Reservation, project area: child maltreatment and cultural restoration; Class of 2022: Ghana, project area: YOUDRIC, Leadership for Life Program, DownHome NC, Advocacy in Alamance County; Class of 2023: SriLanka, project area: partnership with organizations supporting diverse sexual orientations, gender identities and expressions and sex characteristics; Class of 2024: Morocco and Alamance County, project area: structural racism and racial inequality.</p>	Sustainability-Inclusive

Periclean Scholars (Program)	Junior Periclean Scholars	PER 3510/3520	<p>In the junior year, the Periclean Scholars cohort will continue broadening and deepening their knowledge of the content area(s) in the group's chosen geographic location and issue(s). The mentor will guide and encourage the cohort to begin using the knowledge, conceptual and theoretical frameworks, and skill sets that they are learning in their majors as they engage in activities outlined in their chosen mission statement. The Periclean Scholars program is part of Project Pericles, a national multi-institution initiative dedicated to increasing civic engagement and social responsibility. Periclean Scholars promote awareness of global issues and provide culturally sensitive and sustainable approaches to these issues. Each student cohort researches a country of focus and chooses an issue to address in that country. Examples: Class of 2020: Cuba, project area: "Sin Embargo: A Collection of Cuban Stories" documentary; Class of 2021: Lakota Sioux Nation, Pine Ridge Reservation, project area: child maltreatment and cultural restoration; Class of 2022: Ghana, project area: YOUDRIC, Leadership for Life Program, DownHome NC, Advocacy in Alamance County; Class of 2023: SriLanka, project area: partnership with organizations supporting diverse sexual orientations, gender identities and expressions and sex characteristics; Class of 2024: Morocco and Alamance County, project area: structural racism and racial inequality.</p>	Sustainability-Inclusive
Periclean Scholars (Program)	Senior Periclean Scholars	PER 4510/4520	<p>These courses serve as a capstone to the program. The students will put to use all that they have learned in both their earlier Periclean classes and in their majors to move forward their projects and goals. The mentor will guide them in both reflecting on what they have accomplished and in planning for how they will begin their lifelong role as Periclean Scholar alumni, sustaining the initiatives they began as undergraduates. The Periclean Scholars program is part of Project Pericles, a national multi-institution initiative dedicated to increasing civic engagement and social responsibility. Periclean Scholars promote awareness of global issues and provide culturally sensitive and sustainable approaches to these issues. Each student cohort researches a country of focus and chooses an issue to address in that country. Examples: Class of 2020: Cuba, project area: "Sin Embargo: A Collection of Cuban Stories" documentary; Class of 2021: Lakota Sioux Nation, Pine Ridge Reservation, project area: child maltreatment and cultural restoration; Class of 2022: Ghana, project area: YOUDRIC, Leadership for Life Program, DownHome NC, Advocacy in Alamance County; Class of 2023: SriLanka, project area: partnership with organizations supporting diverse sexual orientations, gender identities and expressions and sex characteristics; Class of 2024: Morocco and Alamance County, project area: structural racism and racial inequality.</p>	Sustainability-Inclusive

Philosophy	How Should We Live?	PHL 1120	<p>This course invites you to think philosophically about the meaning of our working ethical values such as responsibility, respect and compassion, but also to develop a critical perspective on values: what life might be, should be and ought to be. What is worthwhile and really matters? How does anyone know for sure? We explore the scope and depth of values such as community, beauty, justice, equality and wealth, while testing those values with rational skepticism and shared experience. The goal is to ask better questions about how we live so that we can practice those values that will enable us to bring about what is most worthwhile in action, community and in life. This course, while varying greatly in content and direction between sections, is unified in every case by its emphasis on shared human conduct. The question of how one should live is in many ways deeply personal and subjective. In reshaping the question into how we should live, this course emphasizes our shared experiences in an array of philosophical rich and ethically important domains, from environmentalism to bioethics, from race to labor, and beyond.</p>	Sustainability-Inclusive
Philosophy	Ethical Practice	PHL 2120	<p>Ethical practice is a foundation course exploring ways to act wisely and effectively in our life with others. Drawing on the philosophical tradition and on critical examination of life situations, students engage such topics as personal integrity, sensitivity and fairness to others, and conditions for collaborative and respectful living. This course, while also varying in content and direction depending on the professor teaching it, includes substantive engagement with issues of sustainability in its current iteration. This involves reading the work of former Elon Philosophy professor Anthony Weston on environmental ethics and our human relationship to nature, as well as social and economic sustainability questions of mutual aid and care.</p>	Sustainability-Inclusive
Philosophy	Political Philosophy	PHL 3340	<p>Discussion focuses on the roots of modern political thought, including such key 17th- and 18th-century developments as the case for sovereignty in the modern nation state, the rise of individual rights and the rationale for modern democracy. Major thinkers such as Hobbes, Locke and Rousseau are studied against the background of their turbulent times. This course gives students the space and the tools to critically engage with a range of enduring aspects of human political life, including obligation, citizenship, rights, equality, justice, warfare, and poverty. Students become conversant in both historically influential theories of politics and in contemporary issues facing our local, national, and global political community today. In this way, the course emphasizes learning from the past in order to profoundly impact our shared future.</p>	Sustainability-Inclusive

Philosophy	Sex, Gender, Power	PHL 3450	This survey and application of feminist philosophies examines central ideas in feminist thought, including the social construction of gender, the exclusion of women from traditional philosophy and the intersection of gender with other social factors such as race and class. This course provides students with a broad introduction to the diverse questions and problems that motivate contemporary feminist theory. It begins with a general introduction to theories on gender inequality, including intersectionality, before progressing to consider different theories of power. The second half of the class explores multiple subfields in feminist theory, and engages with questions regarding trans identity, reproductive justice, sexual assault, and disability.	Sustainability-Inclusive
Philosophy	Environmental Ethics	PHL 3480/REL 3480	Students explore the bearing of philosophical and religious ethics upon practical problems regarding the natural environment. This course also considers the possible need for new ethical frameworks to address the environmental crisis we now face.	Sustainability-Inclusive
Philosophy	Health and Social Justice^	PHL 3770	This course acquaints students with ethical issues in medicine, health care, and research with attention to issues of disability, race, and gender, and to questions of bodily difference. We will reflect on the guiding values of scientific progress, on frequently taken-for-granted norms of health and ability, and on questions of justice with regard to accessible medical care. This course engages the intertwining histories of bioethics and environmental ethics as they pertain to matters of social justice. Sustainability-relevant issues in the course include access to healthcare and healthcare-related information, self-sustaining practices of historically marginalized communities (e.g. doulas, midwives), and issues related to environmental racism and environmental justice.	Sustainability-Inclusive
Physics	Energy and the Environment	PHY 1100	This course provides an introduction to energy concepts and the basic modes of energy production and use, focusing on environmental problems that are a consequence of such activities.	Sustainability-Inclusive
Political Science & Policy Studies	Environmental Security^	POL 3701	This course explores the relationship between security and the environment while considering some of the most pressing challenges facing global society today, such as climate change, conflict, public health emergencies, resource extraction, sustainable development, and political resistance. The course draws from a range of theoretical perspectives about power, statecraft, and discourse and critically evaluates global economic systems, ecological crisis, and both local and transnational struggles to transform human-nature relations, including increasingly influential environmental justice movements in North Carolina.	Sustainability-Focused

Political Science & Policy Studies	Contemporary Global Issues^	POL 3920	This course examines the most pressing issues confronting the modern world. From economics to security to culture and sovereignty, this course looks at the challenges of today and tomorrow. Topics including the reemergence of nationalism, the global economy, the terrorism, and climate change are examined in detail. Drawing from readings in security studies, international political economy, international relations, and environmental literature, Contemporary Global Issues provides students with an understanding of the forces and issues that shape our world.	Sustainability-Inclusive
Political Science & Policy Studies	Environmental Policy	PST 3240	This course focuses on the policy processes and institutional settings for environmental policy formation and governmental action. It deals with the role of the courts, Congress and federal agencies in the development, implementation and evaluation of environmental policy. This course is designed to provide an overview of environmental politics within the American political system. Students will be exposed to broad theoretical understandings of how social factors (politics and economics) shape environmental problems and the efforts to solve them. As such the course will cover topics in environmental public opinion, building political power to address environmental problems, how values and attitudes shape environmental behavior, and an overview of environmental policy alternatives, and environmental policymaking.	Sustainability-Focused
Public Health Studies	Introduction to Public Health	PHS 2010	This course is an introductory survey of public health issues and opportunities. Students will gain a thorough understanding of public health, its influence on the health of the world, environmental and behavioral influences on the health of the public in the United States, and the broad scope of career options for professionals in the field of public health. This course includes a historical context for a discussion of current trends, emerging health issues and global practices.	Sustainability-Inclusive
Public Health Studies	Global Health	PHS 3020	The course will introduce students to key global health issues. Students will gain an understanding of contemporary global health problems, their determinants, distribution and prevention/response strategies. Particular attention will be paid to the links between global health and social and economic development. This course focuses on developing countries and on the health of the poor.	Sustainability-Inclusive
Science (Program)	Science without Borders	SCI 1210	This course will challenge every student to think critically about the biggest ideas produced by the natural sciences. Students will learn how to think like a scientist as they explore the development of, evidence supporting and applications for these ideas, which span atoms, the universe and everything in between. Also, student groups will use the scientific method to approach complex "real-world" problems that intersect with the natural sciences.	Sustainability-Inclusive

Science (Program)	Journey through Time	SCI 1260	We are one of several million species that all live on a relatively small rock in space, but how did we and everything else get here, and where are we going? Getting answers to these questions would shed light on just about every discipline and worldview. In this course, students will explore the origins of the universe, stars and planets, living organisms, humans, civilization, and more. Emphasis will be placed on empirical evidence and what inferences are justified from that evidence. Course goals are: explore the origins of our universe, solar system, planet, and life; explore major events and changes that occurred during our planet's evolutionary, paleogeographic, and climatic history; explore the origin of humans so that students better understand our place in the history of the Earth, and our role in shaping the future.	Sustainability-Inclusive
Sociology & Anthropology	Introduction to Cultural Anthropology	ANT 1120	Cultural anthropology is the comparative exploration of diverse beliefs, practices and material culture of contemporary human societies throughout the world. Inherent to this study is consideration of the historical, political, economic and environmental contexts in which cultures operate. The variety of ways humans define their place in the universe, interact with their physical, social and spiritual environments, and endow their existence with meaning and order are at the core of cultural anthropological inquiry. In this course, students will learn the basic concepts, theories and methods used by anthropologists studying people and culture. Specific topics include cross-cultural patterns of subsistence, marriage and family, social organization, economics, politics, religion, globalization and culture change and the application of anthropology to contemporary social problems.	Sustainability-Inclusive
Sociology & Anthropology	Human Evolution and Adaptation	ANT 1130	This course provides a basic introduction to neo-Darwinian theory and natural selection, Mendelian and population genetics, mechanisms of human biological and cultural adaptation, and interpretation of the primate and hominid fossil record (drawing on both paleontology and molecular genetics). Special attention is paid to the interaction of social mechanisms with biological and environmental influences in human evolution. Readings include an introduction to medical biotechnology and the Human Genome Diversity Project. Human adaptations to the environment are discussed.	Sustainability-Inclusive
Sociology & Anthropology	Introduction to Archaeology	ANT 1140	Introduction to Archaeology presents the current state of archaeology by exploring its historical roots and covers basic archaeological theories, methods and practice. This includes techniques for investigation, recovery, reconstruction, interpretation and preservation, as well as ethical considerations. Ethics are explored from the perspective of preserving and conserving cultural resources for future generations, mirroring notions of preserving and conserving natural resources. Human adaptations to the environment are discussed.	Sustainability-Inclusive

			<p>The course is an in-depth, hands on exploration of the interplay between elements of culture, social institutions and business settings. The professor will guide students through an understanding of the concepts of culture and social institutions. Students will be required to investigate, through research as well as through reflection, how the culture and social institutions of a particular country or world region of their choosing is essential to various aspects of business such as product development, marketing, and preparation for an international business trip and/or meeting. The course includes readings on environmental anthropology and ecological anthropology, and on United Nations environmentally sustainable practices. Students are required to include corporate social responsibility, diversity, inclusion, and equity practices, and environmental sustainability practices, in their analysis. These assignments require students to think critically not only about making profit or minimizing financial expenses, but also to think about people and planet as they analyze businesses practices, both in the U.S. and in international contexts.</p>	
Sociology & Anthropology	Culture and Business	ANT 3850		Sustainability-Inclusive
			<p>This course provides an introduction to basic theoretical principles and research methods of modern sociology, including such issues as the relationship between culture, personality and society; the fundamental forms of social structure; social institutions such as religion and the family; and social processes such as deviance and social change. As part of the course, students will be introduced to the ways in which sociology is used to gain a deeper understanding of both current and time-worn social issues as well as helping students to understand the ways in which their lives and identities have been influenced and shaped by social and cultural factors, and also gives consideration to issues pertaining to social responsibility. The course provides a strong foundation, both in terms of practical learning skills and content, for upper level Elon Core Curriculum, as well as upper level sociology courses. Content covered in the course includes the interconnections between the environment and society, such as environmental sociology, threats to the environment, socioeconomic status and the impact of inequality.</p>	
Sociology & Anthropology	Introductory Sociology	SOC 1110		Sustainability-Inclusive

			<p>This course provides an investigation of the family as an institution in societies, focusing on the development and current patterns of the American family. Specific attention will be given to the intersection of gender, social class, and race/ethnicity, patterns in family formation and dissolution, sexuality and families, family problems and the future prospects for the family. Sociology of Families is the study of families—what they do, how and why they do it, the conditions under which they interact, and how families compare across time and place. The learning outcomes of the course include: demonstrate how race, class, gender, and sexuality influence family outcomes, condition social relationships, and reproduce different forms of social inequality and explain how family as an institution intersects with the other major institutions in American society including government, the economy, and education systems and how social structures shape and constrain choices and behaviors at the individual and collective level.</p>	
Sociology & Anthropology	Sociology of Families	SOC 3110		Sustainability-Inclusive
			<p>This course examines how social systems interact with ecosystems. Within this examination, the course will explore how environmental sociologists describe and explain the patterns that emerge from this interaction; explore what has led to the social disruption of ecosystems; explore the consequences of environmental disruption; and examine ways society has responded to human-induced environmental disruption.</p>	
Sociology & Anthropology	Environmental Sociology	SOC 3340		Sustainability-Focused
			<p>Social and environmental crises impact the lives of everyone on the planet, yet this impact is far more extreme for those impacted by critical social justice issues. Globally, there are now more people displaced from their homes than any time in history, and these numbers are likely to grow due to increasing climate change related disasters and a wide range of geopolitical conflicts. Using both macro and micro level sociological theoretical perspectives, we will survey social problems around the globe including the genocide in Myanmar, the civil war in Syria and multiple additional conflicts in the Middle East, civil unrest in Venezuela, and climate-related natural disasters. Special emphasis will be placed on how the humanitarian aid and development sector is responding to crises.</p>	
Sociology & Anthropology	Global Social Problems^	SOC 3720		Sustainability-Inclusive
			<p>Social movements change the social, political, and economic landscapes of our society. In this course students will consider the development and implications connected to Black Lives Matter. Students will use a sociological lens to explore and analyze social problems such as police violence, mass incarceration, differential educational outcomes, and economic injustice. We will use a dialogue-based approach to develop a critical analysis of the movement and its impact on broader society.</p>	
Sociology & Anthropology	Black Lives Matter: Addressing^	SOC 3750		Sustainability-Inclusive

Sport Management	Facility and Venue Management	SPT 2260	Facilities and venues shape the experience of fans and participants. Students learn how to plan and manage successful facilities including operations, policy, financing, crowd control, risk management, customer service and budgeting. With new arenas, stadia, entertainment districts, and other multi-purpose facilities shaping the experience of fans and participants and various events from local to international scale held all over the nation, the sport facility management industry is burgeoning and opening numerous career opportunities. This course is designed to provide future sport facility managers with theoretical and practical knowledge in facility management including planning, construction, operation, system, maintenance, sustainability, inclusive compliance, safety and security management, and numerous issues confronting sport industry professionals and organizations today. Dr. Kim's course covers topics related to sport organizations' pro-environmental initiatives and includes a group project about building a green sport facility. Students learn the necessary components, processes, and practices for the green facility and the importance of the environmental stewardship.	Sustainability-Inclusive
Sport Management	Sport Marketing	SPT 3510	Effective marketing is necessary to communicate and promote facilities, programs and events. This course focuses on strategic sport marketing, consumer behavior, market segmentation and selection, the marketing mix, and the implementation and control of sport marketing activities. Dr. Kim incorporates a course chapter entitled "Sustainable marketing: Social and environmental initiatives" into his sport marketing course.	Sustainability-Inclusive
Graduate				
Education (MED)	Global Issues in Education	MED 7120	This course offers candidates an opportunity to examine various PK-12 educational systems and policies around the world in the context of history, social and cultural systems, economics, politics, and geography. Comparative policy issues related to accountability, literacy, STEM, gender and sexuality, diversity, and disability and equity will be explored. The culminating project is to research a topic that joins PK-12 classrooms and learners to 1 of the 17 United Nations' Sustainable Development Goals (SDGs) and complete a scholarly presentation or paper overviewing the findings and implications for PK-12 education.	Sustainability-Inclusive

Higher Education (MHE)	Diversity and Social Justice	MHE 7310	Through exploring central issues in diversity and social justice, this course aims to present the importance of critical self-reflection, cultural competency, and personal responsibility in helping college students become cultural brokers. Social justice theory will be examined, as well as various aspects of diversity, in order to help higher education professionals interact, communicate, work, and serve in a diverse world. Special attention will be given to the role of power, culture, privilege, and oppression in helping college students become culturally competent. Students will have the opportunity to explore how diversity and social justice affect personal, academic, and professional goals.	Sustainability-Inclusive
Interactive Media (M.A.)	Interactive Project for the Public Good	IME 6700	Students work in a team environment to create an interactive media project for the public good. In teams, they travel for approximately a week to a site to gather content through interviews, photos, audio and video needed for the project. They then return to campus to organize this content into a project that will be accessible to the public at large. Students develop, design, and deploy original interactive projects in a deadline-driven setting. Course may include a domestic or international fly-in component. Goal: Apply skills and material learned thus far in the iMedia curriculum into practice and make a contribution to the betterment of society. In Winter Term 2023, the students in the course worked with Dove Youth Development in Puerto Plata, Dominican Republic.	Sustainability-Inclusive
Law (J.D.)	Criminal Law	LAW 6300	This study of substantive criminal law includes an examination of crimes and their elements. The course covers specific common law and statutory crimes and explores available defenses. Criminal Law is a course about crimes that is often really about values, such as who should be convicted, how they should be punished, and how the system can operate in a just and fair manner. As such, the course incorporates several of the sustainability goals: reducing gender and other inequalities would create a fairer process and system; reducing poverty and hunger would create less incentives to participate in criminal behavior; criminal laws exist to protect the environment; and creating a strong justice system creates better societal confidence and legitimacy in an important government institution.	Sustainability-Inclusive
Law (J.D.)	Humanitarian Immigration Law Clinic	LAW 7680	The Immigration Clinic provides students with practical experience in the areas of client interviewing, cloud-based case management software, and preparing an application for federal immigration benefits. Students will be given great autonomy to assist refugees and asylees in filing for family reunification, adjustment of status (green card), and naturalization (US citizenship). Students will also have the opportunity to conduct legal research and writing and represent clients in federal benefits hearings at USCIS Field Offices.	Sustainability-Inclusive

Law (J.D.)	Environmental Law	LAW 8410	This course involves the study of state and federal environmental regulation. It examines relevant state and federal statutes, regulations, and case decisions, with particular emphasis on federal 29 statutes, such as the National Environmental Policy Act (NEPA), the Clean Water Act (CWA), and the Comprehensive Environmental Response and Liability Act (CERCLA). Knowledge of the basics of Administrative Law is strongly recommended for students enrolling in this course.	Sustainability-Inclusive
Law (J.D.)	Food & Agriculture Law & Policy (Food, Drug & Cosmetic Law)	LAW 8580	This course will examine major legal and policy issues surrounding the production, distribution, and consumption of food. The first part of the course will survey the regulation of agriculture and food at the federal, state, and local levels (e.g. the FDA and USDA, state agriculture regulation, zoning and other local ordinances). The second part of the course will consider "hot topics" in contemporary food policy, such as food labeling and consumer choice (e.g. organics, GMO products); hunger, nutrition, and obesity; working conditions in agriculture and food service industries; farmland preservation and rural economic development; and the globalization of the food chain.	Sustainability-Inclusive
Law (J.D.)	Gender and the Law	LAW 8680	This course provides students with an understanding of the role that gender plays in the development of law. The course is organized around various theoretical frameworks found in case law or in the writing of feminists and womanists scholars, including various concepts of equality, difference theory, non-subordination, autonomy, essentialism, and critical race theory. Students also explore the critiques and limitations of these frameworks. Each framework will be explored in the context of concrete legal problems in various areas of law, e.g., employment, family law, sports, domestic violence, and pornography. The course provides students with the opportunity to continue improving their research and writing skills.	Sustainability-Inclusive

Physical Therapy (DPT)	Psychosocial Aspects of Health Care	DPT 6000	<p>Psychological and sociological effects of acute, chronic, progressive, psychiatric, terminal, traumatic, and congenital medical problems on the client, family, and therapist; the relationship of race, religion, ethnic background, gender and sexuality, medical beliefs, and language to client/-therapist interactions and to the well-being of the client; communication skills used with clients, families, and colleagues; and use of self-awareness to enhance the therapist's therapeutic presence. Emphasis is on clinical application with active student involvement. This course includes sustainability themes of good health and well-being and the reduction of healthcare inequities. The course examines culture-specific attitudes toward health and illness; healthcare workers' attitudes toward disability; stigma and prejudice in healthcare; and inequities of family and intimate-partner violence. Required readings include topics of healthcare bias specific to race, ethnicity, immigrant status, sex and gender, sexual orientation, age, HIV/AIDS, mental health, substance abuse, and disability, along with recommendations for reducing the impact of negative biases. Students also explore the role of advocacy to improve societal well-being, with examination of healthcare-sanctioned inequities such as eugenics, the Tuskegee experiment, and the Massachusetts radioactive oatmeal experiment.</p>	Sustainability-Inclusive
Physical Therapy (DPT)	Geriatric Health and Wellness	DPT 7150	<p>Holistic approach to the geriatric client as an active participant in the health care process. Specific attention is given to the aging process, preventive care, management of pathological aging, and possibilities for the future of geriatric physical therapy. This course promotes value-based healthcare through attention to improved functional outcomes, quality of life, and cost-effective interventions. The course explores system-wide changes needed to support sustainable healthcare and living conditions for an increasing geriatric population worldwide. Specific attention is given to the treatment and prevention of geriatric diseases and syndromes such as dementia, frailty, and metabolic conditions.</p>	Sustainability-Inclusive

			This course will allow the student to explore issues related to the compassionate, patient-centered care of special populations including geriatric, pediatric and a variety of underserved groups. Students will learn about childhood nutrition, growth and development, the functional assessment of the elderly and how to adapt their interview and physical examination techniques to the developmental, functional, educational and social level of individual patients. They will explore a variety of health needs and health systems issues that are important in the care of older adults. They will learn to identify vulnerable populations and to respond to the health disparities vulnerable groups often experience. Additionally they will learn about the preparation of patients for global travel, the primary social determinants of health, and the effects of emerging global health concerns on healthcare locally and globally.	
Physician Assistant Studies (M.S.)	Special Populations	PAS 6400		Sustainability-Inclusive
^ Indicates a course offered in the 22-23 academic year but not in the 22-23 Academic Catalog.				
Note: Undergraduate programs do not contribute toward number of academic departments.				
<u>Undergraduate</u>			<u>Graduate</u>	
Sustainability-Focused		18	Sustainability-Focused	0
Sustainability-Inclusive		82	Sustainability-Inclusive	11