

American University Sustainability Courses AY2022-23

Level	Professor Name	Course Number	Course Name	# of Sect	Department	Description	Type
UG	David Harr	ACCT-241	Principles of Managerial Acct	11	Business	Principles of Managerial Accounting (3) An introduction to the fundamental concepts of managerial accounting appropriate for all organizations; emphasis on measurement of product costs, cost behavior and analysis, operational budgeting, performance evaluation, and managerial decision-making for planning and controlling operations.	Sustainability Inclusive
UG	Ross Cooper, Michael Mass, Jay Pope	ACCT-245	Business Law	7	Business	This course provides an overview of Business law, both U.S. and worldwide. Topics include basic legal theory consumer protection, securities regulation, and environmental protection. The course also integrates discussion of ethical principles and highlights applications in Business contexts.	Sustainability Inclusive
UG	Ajay Adhikari	ACCT-496	Selected Topics:Non-Recurring	1	Business	This course introduces current practices in sustainability reporting and analysis (GRI, SASB, TCFD, ISSB) and evolving regulatory requirements (EU, SEC) both in the US and internationally. Critically examines challenges related to measuring sustainability including, carbon accounting, social metrics, rating methodologies, and external assurance practices. The course also explores how sustainability information is integrated into financial and investment decisions.	Sustainability Focused
UG	Baick, B	ACCT-600	Ethics in Busniess and Accounting	1	Business	Examines major ethical issues facing Business with pArticular emphasis on the accounting profession. Includes the profit motive and the public good, social responsibility in corporations, environmental concerns, consumer and employee relations, confidentiality, whistle blowing, advertising, and hiring practices. The AICPA Code of Professional Conduct is studied and contrasted with ethical codes of other organizations and professions. The course also includes analysis of domestic and international case studies.	Sustainability Inclusive
GR	David Harr	ACCT-609	Management Accounting	2	Business	Provides students with a working knowledge of the principles, concepts, and techniques of cost measurement, cost management, and modern management control systems used in practice, including job-order costing, cost behavior, cost-volume-profit analysis, traditional and activity-based product costing, intra-firm performance evaluation, and tools for performance measurement and decision-making. Prerequisite/Concurrent: ACCT-607.	Sustainability Inclusive

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GR	Ajay Adhikari	ACCT-696	Selected Topics:Non-Recurring	1	Business	This course introduces current practices in sustainability reporting and analysis (GRI, SASB, TCFD, ISSB) and evolving regulatory requirements (EU, SEC) both in the US and internationally. Critically examines challenges related to measuring sustainability including, carbon accounting, social metrics, rating methodologies, and external assurance practices. The course also explores how sustainability information is integrated into financial and investment decisions.	Sustainability Focused
UG	Anthony Gualtieri	AMST-140	Wash DC: Life in a Monument	4	Business	Explores the unique nature of Washington, D.C. as a transnational city, the nation's capital, and a regional center for Art, community activism, and politics in the region. AU Core Habits of Mind: Cultural Inquiry. Usually Offered: fall and spring.	Sustainability Inclusive
UG	Christina Juhasz-Wood	AMST-275	Settler Colonial Studies	1	History	This course interrogates the sociohistorical phenomenon of settler colonialism in the United States from 1492 to the present-day. Students are introduced to theories of settler colonialism as well as the histories of boarding schools, Indian removal, the reservation system, the militarization of Indian country, indigenous resistance, and environmental injustice. Students produce a research paper or podcast that applies settler colonial theory to a specific time and place in U.S. History. Interdisciplinary and intersectional in nature, this course includes readings in History as well as critical Indigenous, ethnic, and feminist and queer studies. AU Core Habits of Mind: Socio-Historical Inquiry.	Sustainability Inclusive
UG	David Vazquez	AMST-330	Contemporary American Culture	4	Business	The course focuses directly on environmental justice, decoloniality, land back, and forms of survivance and resilience.	Sustainability Focused

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UG	Chuck Sturtevant, Hebatallah Ghannam	ANTH-150	Anthropology of Life in the United States	2	Anthropology	How should we make sense of the inequality that so marks life in the United States today? This course helps participants understand some of the multiple forms of inequality shaping U.S. life, including those along lines of race, class, gender, sexuality, and ability. The course examines the relationship between these inequalities and major phenomena shaping the past, present, and future of the United States, such as capitalism, slavery, relationships between the U.S. government and Native American peoples, imperialism, militarization, and war. The class links readings and discussions to significant current events and culminates in individual research and analysis employing anthropological and related socio-historical methods. AU Core Habits of Mind: Socio-Historical Inquiry. AU Core Integrative Requirement: Diversity and Equity. Usually Offered: fall.	Sustainability Inclusive
UG	Buck Woodard	ANTH-235	The Buried History of the U.S.	5	Business	This course introduces how archaeology reconstructs the History of the land that today is considered the United States within the larger context of the Americas. The course looks at the way archaeologists use Artifacts, written records, and oral History to tell the story of life from before the era of European colonization to the present. There is an emphasis on Artifact and document interpretation, colonialism, violence, genocide, resistance, architecture, capitalism and other political-economic systems, and the diverse experiences of Native American, African, Asian, and European peoples in the Americas. AU Core Habits of Mind: Socio-Historical Inquiry. Usually Offered: spring	Sustainability Inclusive
UG	Zoltan Gluck	ANTH-251	Anthropological Theory	1	Anthropology	Anthropological Theory (3) Exploration of a variety of current perspectives in cultural Anthropology. The kinds of questions anthropologists ask in seeking to understand cultural variation and diverse human experience. The relevance of Anthropology to life in a changing, multicultural world.	Sustainability Inclusive
UG	Zev Cossin	ANTH-253	Introduction to Archaeology	1	Anthropology	Archaeology as a subfield of Anthropology. Includes the History of archaeology, methods of archaeological excavation and analysis, the historical archaeology of seventeenth and eighteenth century America, paleolithic archaeology in the Old World, the preHistory of North and South America, and other current discoveries and issues within the field. Usually Offered: spring.	Sustainability Inclusive

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UG	Zev Cossin	ANTH-334	Envrionmental Justice	1	Anthropology	Focuses on issues of inequalities attending the destruction of resources, the siting of dangerous facilities, dumping of toxic wastes, and the development of technologies that harm some people while benefitting others. Case studies from North America, Latin America, Africa, the Arctic, Pacific, and Caribbean examine questions about History, social relations, power, connections among the world's societies, and competing values.	Sustainability Inclusive
UG	C. Anne Claus	ANTH-365	Social Ecology of Food	1	Anthropology	This course surveys theory and ethnography at the intersections of food and ecology and explores the importance of food to local and global ecologies, interrogates the relationship of food production and consumption to political and environmental factors, and develops an understanding of ways food influences global and personal politics. Readings draw from Anthropology, political ecology, and geography. Usually Offered: alternate springs (odd years).	Sustainability Inclusive
GR	N/A	ANTH-421/621	Health Geographies	1	Anthropology	Surveys theory and ethnographic accounts of geographically-concentrated health disparity. Examines geographic patterns impacting health differences and inequities. Readings draw from human geography, political economy, ethnography, and human health. Subject matter reflects how space is constructed, transformed, inter-connected and experiences as a variable of health. Incorporates training in mapping methodologies.	Sustainability Inclusive
UG	Buck Woodard	ANTH-439	Culture, History, Power, Place	3	Anthropology	Students focus on the contemporary export flower industry around Cayambe, a major supplier to the United States, and how centuries of sociopolitical transformation and ecological degradation since Spanish colonization (ca. 1532) have shaped these ongoing struggles for environmental justice across Indigenous communities in the region today. Rotating culture areas include North American Indians, Latin America, Mexico and Central America, African American women, India, Africa, China, and Japan. Crosslist: ANTH-639.	Sustainability Inclusive
GR	Zoltan Gluck	ANTH-604	The Craft of Anthropology IV	1	Anthropology	This intensive seminar provides broad intradisciplinary theoretical and methodical training to prepare students to become anthropologists. Students explore central anthropological themes through classic and contemporary texts in sociocultural Anthropology, archeology, bioAnthropology, and linguistic Anthropology, and conduct research using diverse methodologies.	Sustainability Inclusive

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GR	Buck Woodard Cossin, Z	ANTH-639	Culture, History, Power, Place	3	Anthropology	Students focus on the contemporary export flower industry around Cayambe, a major supplier to the United States, and how centuries of sociopolitical transformation and ecological degradation since Spanish colonization (ca. 1532) have shaped these ongoing struggles for environmental justice across Indigenous communities in the region today. Rotating culture areas include North American Indians, Latin America, Mexico and Central America, African American women, India, Africa, China, and Japan. Crosslist: ANTH-639.	Sustainability Inclusive
GR	Mubbashir Rizvi	ANTH-654	Topics in Environ Anthropology	1	Anthropology	Topics in Environmental Anthropology (3) Topics vary by section. Surveys theory and ethnography in environmental Anthropology. Rotating topics explore important themes in environment Anthropology including environmental conservation, socionatural disasters, and systems of food production and consumption. Readings draw from Anthropology, political ecology, and geography.	Sustainability Focused
UG	Jennifer Wu	ArtH-205	Renaissance Perspectives	10	Interdisciplinary	This course situates works of visual Art, including painting, printmaking, sculpture, and architecture, into their socio-historical contexts. By characterizing Renaissance Art as a form of visual communication, students examine societal contexts in order to understand its power and meaning, while analyzing Artworks as products of complex social encounters between Artists, communities, patrons, consumers, viewers, and critics. Students reassess commonly held assumptions regarding high Art and the Artist as genius, and critically examine the term "Renaissance" itself, with reference to questions of geography, gender, race, class, and sexuality. At the forefront is the question "Whose Renaissance?" AU Core Habits of Mind: Socio-Historical Inquiry. Usually Offered: fall and spring.	Sustainability Inclusive
GR	Tim Doud	ArtS-601	Contemporary Art Theory	1	Art	A theoretical and philosophical consideration of Art practices. A detailed analysis of contemporary and cultural studies including post-colonialism, gender, globalization, positioning painting, the state of Art and emerging trends in contemporary Art. Students evaluate the relationship between Artists and the writer/critic. The course introduces students to a broad range of critical thinking and to develop their skills in verbal and textual analysis. Students consider the relationship of their Art to contemporary rhetoric. Usually Offered: spring. Restriction: Studio Art (MFA).	Sustainability Inclusive

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GR	Tim Doud	ArtS-690	***** Varies by Student *****	0	Art	Independent Study Project in Art (1-6) Permission: instructor and department chair.	Sustainability Inclusive
GR	Tim Doud	ArtS-797	Master's Thesis Seminar	4	Art	Independent work toward students' thesis exhibition and written thesis statements. Consult the department for registration and participation requirements. Usually Offered: fall and spring. Grading: SP/UP only. Restriction: Studio Art (MFA). Permission: department chair.	-
GR	Timothy Timura	Behavioral Finance	FIN-661	1	Business	This course examines the field of finance within the context of behavior theory. Students learn the underlying principles and latest research on decision-making under conditions of uncertainty in financial settings. Topics include the behavioral aspects of corporate finance, asset prices, and financial market anomalies. Crosslist: FIN-461. Grading: A-F only. Prerequisite: FIN-060 or FIN-614.	-
UG	Rebecca Hazen	BIO-150	Bioethics Genetic Engineering	1	Environmental Science	An exploration of the origins of planet Earth and life. Emphasis on the organismal and higher levels of biological organization. The diversity of life through a survey of the three domains, various kingdoms and their phylogenetic relationships. The form and function of plants and animals. A consideration of the interrelationships between organisms and environment. The laboratory component explores the diversity of life at the organismal and higher levels of biological organization. Studies include form and function of plants and animals, and selected systems.	Sustainability Inclusive
GR	John Bracht	BIO-2102	General Biology II	2	Biology	An exploration of the origins of planet Earth and life. Emphasis on the organismal and higher levels of biological organization. The diversity of life through a survey of the three domains, various kingdoms and their phylogenetic relationships. The form and function of plants and animals. A consideration of the interrelationships between organisms and environment. The laboratory component explores the diversity of life at the organismal and higher levels of biological organization. Studies include form and function of plants and animals, and selected systems.	Sustainability Inclusive

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UG	Catherine Schaeff	BIO-330	Animal Conservation	1	Biology	As human populations and related pressures threaten the wellbeing of nonhuman species and their habitats, humans increasingly are faced with deciding which species should receive attention and support and at what cost to humans. Can ethical reasoning help clarify human choices and their impacts? This course uses a case study approach to learn about the science of animal conservation and explore the ethical challenges of reconciling the conservation of nature and the needs of people. AU Core Habits of Mind: Ethical Reasoning. Prerequisite: BIO-110 or BIO-210.	Sustainability Focused
UG	N/A	BIO-342	Marine Mammals	1	Biology	An introduction to marine mammal ecology, social organization, behavior, acoustic communication, and conservation. The course focuses on marine mammals in U.S. waters, including bottlenose dolphin, right whale, gray whale, and West Indian manatee. Current periodical literature and text readings are the basis for discussions. Usually Offered: alternate falls (even years). Prerequisite: BIO-100 or BIO-110 and BIO-210 or BIO-220.	Sustainability Inclusive
UG	N/A	BIO-423	Ecology	1	Biology	This course provides an understanding of the fundamental principles of the ecological sciences. Emphasis is placed on the interaction of organisms and their environment at the levels of individuals, populations, communities and ecosystems, and the effects of such interactions on energy flow and nutrient cycling within the biosphere. Specific topics include density-independent and density-dependent growth, the meaning of carrying capacity, competition, predation, mutualism, biodiversity and its measurements, community dynamics and stability, and ecosystem services. Crosslist: BIO-623. Usually Offered: alternate springs (odd years). Prerequisite: BIO-210. Recommendation: calculus or statistics course.	Sustainability Inclusive

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GR	Christopher Tudge	BIO-444/644	The Biology of Birds: Introduction to Ornithology	1	Biology	Introduces the basic Biology and study of birds, covering aspects of the diversity, evolutionary History, structure and function, behavior, ecology, and conservation of this conspicuous vertebrate group. The course also teaches the fundamentals of bird identification, concentrating on the common birds of the Eastern United States. Course lectures are supplemented by informal labs, films, guest speakers, and field trips. Students gain a greater appreciation for the diversity, phylogeny, and Biology of birds and become proficient at identifying local common birds. Crosslist: BIO-644.	Sustainability Inclusive
UG	Daniel Fong	BIO-466	Evolution	1	Biology	This course covers the mechanisms of evolutionary change from genes to species to communities and how natural selection interacts with genetic and population processes such that organisms tend to become adapted to their environment and biological diversity increases. Through readings, discussions, and lectures, students explore the evidence for evolution as well as current theories for the mechanisms that cause evolutionary change. Specific topics include principles of inheritance, the origin of genetic variation, adaptation through natural selection, random processes in evolution, sexual selection, the origin of species, and the role of speciation in shaping current patterns of biodiversity.	Sustainability Inclusive
GR	Brenda Chow	BIO-489/689	Biotechnology	1	Biology	Biotechnology employs concepts from cell and molecular Biology to solve modern problems in medicine, agriculture, and other disciplines. In the twenty-first century, it is the cornerstone of the world's economy. This course introduces and builds on concepts integral to advances in genetic, cell, systems, and molecular Biology. Crosslist: BIO-689. Usually Offered: spring.	Sustainability Inclusive
GR	Daniel Fong	BIO-623	Ecology	1	Biology	This course provides an understanding of the fundamental principles of the ecological sciences. Emphasis is placed on the interaction of organisms and their environment at the levels of individuals, populations, communities and ecosystems, and the effects of such interactions on energy flow and nutrient cycling within the biosphere. Specific topics include density-independent and density-dependent growth, the meaning of carrying capacity, competition, predation, mutualism, biodiversity and its measurements, community dynamics and stability, and ecosystem services.	Sustainability Inclusive

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GR	Lilian Baeza-Mendoza	CAS-600	Language Preparation for TOR	2	Communication	Enrollment in intermediate- and advanced-level language skills courses, not including topics courses, for graduate students preparing for a Tool of Research examination. Grading: Pass/Fail only. Permission: CAS Director of Graduate Academic Programs. Note: Open only to American University graduate students preparing for a Tool of Research examination who have completed at least two semesters and no more than three semesters of college-level language training in the relevant world language. Enrollment limited to two semesters per student.	Sustainability Inclusive
UG	Michele Lansigan	CHEM-100	Chemistry in Everyday Life	2	Chemistry	Everything is made up of chemicals, and knowledge of chemistry informs students of benefits and hazards, enabling intelligent future decisions. This course introduces students to the practical applications of chemistry in every aspect of modern life, from food and household cleaners to the problems impacting health, environment, crime, law enforcement, energy sources, and technology. Students learn the language of chemistry to understand the composition of materials, their structures, and properties. AU Core Habits of Mind: Natural-Scientific Inquiry. Usually Offered: fall and spring. Prerequisite: completion of Quantitative Literacy I requirement. Corequisite: CHEM-101. Note: Completion of CHEM-100 and CHEM-101 with grades of C or better fulfills AU Core Habits of Mind: Natural-Scientific Inquiry.	Sustainability Inclusive
UG	Shouzhong Zou	CHEM-210	General Chemistry II	6	Chemistry	Oxidation-reduction reactions, reaction rates, equilibrium and its relation to thermodynamics, acid-base chemistry and its practical applications, electrochemistry, molecular bonding theory, and nuclear chemistry. Usually Offered: spring. Prerequisite: CHEM-110 and CHEM-111. Corequisite: CHEM-211.	Sustainability Inclusive
UG	Monika Konaklieva	CHEM-310	Organic Chemistry I	4	Chemistry	Systematic treatment of hydrocarbons, alkyl halides, alcohols, carbonyl compounds, acids, and their derivatives. Ionic and free radical reactions and stereochemistry. Usually Offered: fall. Prerequisite: CHEM-210 and CHEM-211. Corequisite: CHEM-312.	Sustainability Inclusive
UG	Monika Konaklieva	CHEM-312	Organic Chemistry I Lab	9	Chemistry	Laboratory theory and practice in synthesis, separation, and purification of organic compounds. Introduction to separation techniques including thin-layer, column, and gas chromatography. Usually Offered: fall. Corequisite: CHEM-310.	Sustainability Inclusive

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UG	Monika Konaklieva	CHEM-320	Organic Chemistry II	3	Chemistry	Aliphatic and aromatic compounds and electrophilic substitution; spectral methods; and nitrogen compounds and their derivatives. Introduction to poly functional compounds including amino acids, carbohydrates, lipids, and nucleic acids. Usually Offered: spring. Prerequisite: CHEM-310. Corequisite: CHEM-322.	Sustainability Inclusive
UG	N/A	CHEM-330	Environmental Chemistry	1	Chemistry	This course emphasizes that all pArts of the environment are made up of chemicals, and that natural processes occurring in the environment all involve chemical reactions. As pArt of a description of the chemistry of the lithosphere, hydrosphere, and atmosphere, the composition of an unpolluted environment is presented, as well as techniques used by the EPA to measure pollutants. Prerequisite: CHEM-110 and CHEM-111.	Sustainability Inclusive
UG	Douglas Fox	CHEM-410	Biophysical Chemistry	1	Chemistry	This physical chemistry course provides an introduction to the states of matter, thermodynamics, equilibrium, solutions, and kinetics applied to biological and environmental systems by using examples from the life sciences. The course includes interactions between matter and energy in biologically and environmentally important functions, aspects, and situations, as well as explanation and use of chemical laws with an emphasis on molecular interactions, graphing, and problem solving. AU Core Integrative Requirement: Quantitative Literacy II. Usually Offered: spring. Prerequisite: CHEM-320 and MATH-221.	Sustainability Inclusive
GR	N/A	CHEM-462/662	Topics in Environmental Chemistry	1	Chemistry	Topics vary by section. Rotating topics including applications of green chemistry, atmospheric chemistry, recycling and remediation, and natural products chemistry. Crosslist: CHEM-662. Repeatable for credit with different topic. Prerequisite: CHEM-210 and CHEM-211.	Sustainability Inclusive
UG	Shouzhong Zou	CHEM-490	***** Varies by Student *****	14	Chemistry	We conducted research on finding sustainable catalysts for fuel cells	Sustainability Inclusive
GR	Monika Konaklieva	CHEM-797	Master's Thesis Research	14	Chemistry	Methodology used to prepare compounds via green chemistry.	Sustainability Inclusive

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UG	Maya Livio	COMM-105	Visual Literacy	13	Communication	This course introduces students to ways of understanding visual media through instruction in the fundamental principles of 2-D design, photography, and film/video. Students learn visual theory and immerse themselves in new ways of seeing; understand the impact of images in various forms and contexts; critically deconstruct images created by others while producing images of their own; and come to appreciate the influences of visual symbols on communication. Usually Offered: fall and spring.	Sustainability Inclusive
UG	Maya Livio	COMM-201	Survey of International Cinema	4	Communication	This survey course covers film History internationally from 1895 to the present. Students examine a variety of film movements including Middle Eastern, African diaspora, and Southeast Asian and East Asian cinema, as well as movements in Europe and the United States. Usually Offered: fall and spring. Grading: A-F only. Prerequisite: COMM-100.	Sustainability Inclusive
UG	Arthur Swift	COMM-310	Public Speaking	19	Communication	Principles of effective speaking. Practice in preparing and presenting several types of public address. Usually Offered: fall, spring, and summer.	Sustainability Inclusive
UG	N/A	COMM-360	Myths of the Media	1	Communication	This course offers a wide-ranging critique of media performance by assessing the emergence, diffusion, and tenacity of media-driven myths. These are prominent stories about or by the news media that are widely believed, but under scrutiny, prove to be false. Examples studied include Watergate, crack babies, and Hurricane Katrina. Usually Offered: spring. Restriction: SOC majors or Interdisciplinary Studies: Communication, Legal Institutions, Economics, and Government (CLEG) (BA); and minimum 2.5 GPA.	Sustainability Inclusive
UG	Kimberly Anastacio Vilela	COMM-365	Digital Media and Culture	10	Communication	This course examines the role that digital media technologies play in culture and society. It presents historical and contemporary theories about how digital media enable practices through which individual identity is formed, social relations manifest, political discourse occurs, and economic power flows. It draws attention to the significance of digital media in reinforcing legacies of oppression and structures of marginalization, as well as their potential for social activism and change. AU Core Integrative Requirement: Diversity and Equity. Usually Offered: fall, spring, and summer. Restriction: SOC majors.	Sustainability Inclusive

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UG	Arthur Swift	COMM-380	Public Communication Research	4	Communication	This course teaches a range of research methods that are essential to careers in public relations and strategic communication. Students develop quantitative and qualitative analytical skills, learn how to formulate research questions, and develop and execute a research design including sampling, measurement, data collection, and interpretation of results. Using methods such as surveys, experiments, content analysis, and focus groups, students learn to harness the power of data to address complex questions, including through the use of relevant analysis software packages. Finally, they apply the results to solve strategic communication problems and learn to present research findings compellingly to a range of audiences.	Sustainability Inclusive
UG	Elizabeth Fischer MARTin	COMM-420	Topics in Mass Media	17	Communication	"Technology, Social Justice, and Sustainable Futures" considers the role of technology on the environment.	Sustainability Inclusive
UG	Robert Litt	COMM-434	Film & Video Production II	1	Communication	Includes 16mm silent and small-format video production. Emphasis is on planning, treatment and shot scripting, development of scene and character, location lighting, refinements of continuity, location sound recording, and visual design.	-
UG	Dave Taschler	COMM-454	Motion Graphics and Effects	1	Communication	This course focuses on the creation of motion graphics using animation and compositing programs. Through discussions of concepts and design, students learn techniques to creatively use software tools to achieve dramatic and Artistic effects. Current software and concepts used for cutting edge motion graphics and compositing in motion pictures, television, commercials, and music videos are introduced and examples of outside work are presented and analyzed in class. Students are encouraged to learn from each other's examples, problems, and solutions. Students should expect to spend additional time in the lab outside of the scheduled class time.	Sustainability Inclusive
UG	N/A	COMM-489	Communication, Culture, and the Environment	1	Communication	Research and principles that inform public communication about science, technology, and the environment. Course topics and case studies include climate change, energy, stem cell research, food biotechnology, the environmental movement, science and religion, evolution, animal welfare, genetic medicine, pharmaceutical marketing, and nanotechnology. Crosslist: COMM-689. Usually Offered: spring. Restriction: minimum 2.5 GPA.	Sustainability Inclusive

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UG	N/A	COMM-489	Communication, Culture, and the Environment (3)	1	Communication	Research and principles that inform public communication about science, technology, and the environment. Course topics and case studies include climate change, energy, stem cell research, food biotechnology, the environmental movement, science and religion, evolution, animal welfare, genetic medicine, pharmaceutical marketing, and nanotechnology. Crosslist: COMM-689. Usually Offered: spring. Restriction: minimum 2.5 GPA.	Sustainability Inclusive
GR	Margaret Stogner	COMM-524	Prod Environ & Wildlife Films	2	Communication	This course focuses on the Art of producing: being creative, selecting and researching issues, writing a film treatment, telling effective and fascinating stories, finding compelling characters, pitching powerfully, speaking effectively in public, marketing, distributing, conducting outreach, raising money, thinking ethically, and working with NGOs. Usually Offered: fall and spring.	Sustainability Focused
GR	Maggie Burnette Stogner	COMM-524	Producing Environmental and Wildlife Films (3)	1	Communication	This course focuses on the Art of producing: being creative, selecting and researching issues, writing a film treatment, telling effective and fascinating stories, finding compelling characters, pitching powerfully, speaking effectively in public, marketing, distributing, conducting outreach, raising money, thinking ethically, and working with NGOs. Usually Offered: fall and spring. Restriction: minimum 2.5 GPA.	Sustainability Inclusive
GR	N/A	COMM-556	Cross Cultural Film and Video Production (3)	1	Communication	In this interdisciplinary course students learn about the challenges of producing films internationally. Students work both independently and in small production teams and with students from Tecnologico de Monterrey University in Mexico and other universities to produce documentaries of cultural, social, and environmental interest. Students have the opportunity to travel and work as international production teams in Mexico, Costa Rica, Cuba, Wales, or another location determined by professor during spring break. Restriction: minimum 2.5 GPA.	Sustainability Inclusive
GR	N/A	COMM-568	Environmental Filmmaking for Public Television	1	Communication	In this course filmmakers write, produce, shoot, and edit a 30-minute program for Maryland Public TV and other PBS stations around the Chesapeake Bay. Students gain an understanding of what it takes to produce a professional, entertaining documentary for television that is ethically sound and educationally powerful. Prerequisite: COMM-331, COMM-434, or COMM-631. Restriction: minimum 2.5 GPA.	Sustainability Inclusive

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GR	N/A	COMM-607	International Investigative Reporting (3)	1	Communication	This course dives into the History and trends in international investigative journalism, where journalists are uncovering government and corporate corruption, human rights abuses, environmental degradation, and threats to health and safety. Students learn investigative techniques and complete a semester-long project. Usually Offered: fall. Grading: A-F only. Restriction: Communication: Journalism and Public Affairs (MA) or Journalism and Digital Storytelling (MA).	Sustainability Inclusive
GR	Elizabeth Fischer MArtin	COMM-620	Topics in Mass Media	19	Communication	"Technology, Social Justice, and Sustainable Futures" considers the role of technology on the environment.	-
GR	Margaret Stogner	COMM-638	Production Practicum	3	Communication	Topics vary by section. Provides students with skills training in a variety of media production areas. Topics include non-linear editing, digital post production, location sound production, studio sound production and mixing, location lighting techniques, cinematography, digital authoring, and coding. Repeatable for credit with different topic.	Sustainability Focused
GR	Dave Taschler	COMM-654	Motion Graphics and Effects	1	Communication	This course focuses on the creation of motion graphics using animation and compositing programs. Through discussions of concepts and design, students learn techniques to creatively use software tools to achieve dramatic and Artistic effects. Current software and concepts used for cutting edge motion graphics and compositing in motion pictures, television, commercials, and music videos are introduced and examples of outside work are presented and analyzed in class. Students are encouraged to learn from each other's examples, problems, and solutions. Students should expect to spend additional time in the lab outside of the scheduled class time. Crosslist: COMM-454. Prerequisite: COMM-602.	Sustainability Inclusive
GR	N/A	COMM-689	Communication, Culture, and the Environment (3)	1	Communication	Research and principles that inform public communication about science, technology, and the environment. Course topics and case studies include climate change, energy, stem cell research, food biotechnology, the environmental movement, science and religion, evolution, animal welfare, genetic medicine, pharmaceutical marketing, and nanotechnology. Crosslist: COMM-489. Usually Offered: spring.	Sustainability Inclusive

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UG	Valentina Aquila	Core 105-034	Confronting Climate Change	1	NA	This required seminar for all students during their first year at American University demonstrates the value of approaching important conceptual problems and social issues from a variety of perspectives, often from multiple disciplines and including multiple voices. Students are introduced to the importance of incorporating diverse perspectives, clear communication, critical reading, and working with feedback. The seminars feature discussions, lectures, collaboration, and integrative learning.	sustainability focused
UG	Valentina Aquila	Core 107-025	Confronting Climate Change	1	NA	The issue of climate change is a dividing topic in America, and the demand for action regarding climate is a hotly debated topic in political, economic, and social discussions. However, the effects of climate change are seen worldwide, and dialogue surrounding this issue must consider perspectives from the global community. Throughout this course, students analyze the impact of climate change on people of developing and industrialized nations and evaluate the influence of potential mitigation strategies on the economic, political, and social structure of cultures from around the world.	sustainability focused
UG	Caroline Hausmann	CORE-100	AU Experience I	4	NA	AU Experience I (1.5) American University Experience (AUx) is a full-year sequence of courses for students transitioning into their first year of college at AU. Drawing on many academic disciplines including student development theory, this course helps students navigate their academic, social, cultural, and psychological adjustment to university life. Themes covered include freedom of expression; campus resources; exploring and expressing identities; building academic success; budgeting time and money; health and wellness; finding community; rights and responsibilities; diversity, bias, and privilege; and setting goals for success. AU Core Foundation: AU Experience I. Usually Offered: fall. Grading: A-F only. Permission: program director. Note: Students may not receive credit toward a degree for both CORE-100 and CORE-101.	Sustainability Inclusive

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UG	Timothy Timura	CORE-105	Complex Problems Seminar	85	NA	<p>Topics vary by section. This required seminar for all students during their first year at American University demonstrates the value of approaching important conceptual problems and social issues from a variety of perspectives, often from multiple disciplines and including multiple voices. Students are introduced to the importance of incorporating diverse perspectives, clear communication, critical reading, and working with feedback. The seminars feature discussions, lectures, collaboration, and integrative learning. AU Core Foundation: Complex Problems. Usually Offered: fall and spring. Not repeatable for credit. Grading: A-F only. Note: Open only to students in their first year at American University. Students may not receive credit toward a degree for both CORE-105, and CORE-106 or CORE-107.</p>	-
UG	David Pike	CORE-106	Complex Problems Seminar	6	NA	<p>Topics vary by section. This required seminar for all students during their first year at American University demonstrates the value of approaching important conceptual problems and social issues from a variety of perspectives, often from multiple disciplines and including multiple voices. Students are introduced to the importance of incorporating diverse perspectives, clear communication, critical reading, and working with feedback. The seminars feature discussions, lectures, collaboration, and integrative learning. AU Core Foundation: Complex Problems. Usually Offered: fall and spring. Not repeatable for credit. Grading: A-F only. Note: Students may not receive credit toward a degree for both CORE-106, and CORE-105 or CORE-107. The topic is poverty, migration, and displacement in the DMV, including environmental racism.</p>	Sustainability Focused

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UG	Tim Doud	CORE-107	Complex Problems Seminar	30	NA	<p>Topics vary by section. This required seminar for all students during their first year at American University demonstrates the value of approaching important conceptual problems and social issues from a variety of perspectives, often from multiple disciplines and including multiple voices. Students are introduced to the importance of incorporating diverse perspectives, clear communication, critical reading, and working with feedback. The seminars feature discussions, lectures, collaboration, and integrative learning. AU Core Foundation: Complex Problems. Usually Offered: fall and spring. Not repeatable for credit. Grading: A-F only. Permission: University College. Note: Students may not receive credit toward a degree for both CORE-107, and CORE-105 or CORE-106. This course covers the physical basis of climate change, adaptation to climate change, and emission mitigation.</p>	-
UG	Kernysha Rowe	CORE-200	AU Experience II	105	NA	<p>American University Experience (AUx) is a full-year sequence of courses for students transitioning into their first year of college at AU. Race and social identity, which include but are not limited to ethnicity, gender and sexual expression, class, disability, and religion, are often discussed in coded, contentious, or uncomfortable ways. This course creates a space for conversations and learning about these topics that pushes beyond the norm. It builds upon concepts introduced in CORE-100/CORE-101, blending personal exploration of social identity formation with a multidisciplinary approach to race and ethnicity. As a starting point for the academic study of the structures of culture and power as well as social movements that challenge those structures, the course equips students to become part of a community of learners whose members come from a variety of backgrounds and bring with them a range of experiences. AU Core Foundation: AU Experience II. Usually Offered: spring. Grading: A-F only. Prerequisite: CORE-100 or CORE-101 with a grade of C or higher. Note: Students may not receive credit toward a degree for both CORE-200 and CORE-201.</p>	Sustainability Inclusive

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UG	Kernysha Rowe	CORE-201	AU Experience II	2	NA	American University Experience (AUx) is a full-year sequence of courses for students transitioning into their first year of college at AU. Race and social identity, which include but are not limited to ethnicity, gender and sexual expression, class, disability, and religion, are often discussed in coded, contentious, or uncomfortable ways. This course creates a space for conversations and learning about these topics that pushes beyond the norm. It builds upon concepts introduced in CORE-100/CORE-101, blending personal exploration of social identity formation with a multidisciplinary approach to race and ethnicity. As a starting point for the academic study of the structures of culture and power as well as social movements that challenge those structures, the course equips students to become part of a community of learners whose members come from a variety of backgrounds and bring with them a range of experiences. AU Core Foundation: AU Experience II. Usually Offered: spring. Grading: A-F only. Prerequisite: CORE-100 or CORE-101 with a grade of C or higher. Permission: program director. Note: Students may not receive credit toward a degree for both CORE-200 and CORE-201.	Sustainability Inclusive
UG	David Vazquez	CRGC-350	Topics in CRGC Studies	1	Critical race, gender and culture	Topics vary by section. Rotating seminars on intersectional and interdisciplinary topics in Critical, Race, Gender, and Culture Studies. Repeatable for credit with different topic. Recommendation: one lower-level course in AFAM, AMST, APDS, AWST, CRGC, LTST, or WGSS.	Sustainability Focused
UG	Bernhard Gunter	ECON-100	Macroeconomics	17	Economics	Introduction to the basic principles of aggregate economic analysis. Includes measurement and determinants of national income, unemployment, inflation, economic growth, and Business cycles. Topics also include historical perspectives, alternative approaches to economics, and current issues and controversies. Usually Offered: fall, spring, and summer.	Sustainability Inclusive
UG	Bernhard Gunter	ECON-110	The Global Majority	2	Economics	This course applies ethical reasoning to the challenges of the global majority, i.e., the about 80 percent of the world's population living in low- and middle-income countries. The course enables students to reflect rigorously on ethical issues the global majority faces and to develop a defensible ethical position. AU Core Habits of Mind: Ethical Reasoning. Usually Offered: fall and spring.	Sustainability Focused

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UG	Daniel Lin	ECON-200	Microeconomics	15	Economics	Introduction to the analysis of markets and the behavior of different kinds of economic agents. Covers supply and demand, behavior of consumers and firms, competitive markets versus monopoly or oligopoly, income distribution, discrimination, and international trade. Usually Offered: fall, spring, and summer. Restriction: Registration not allowed in both ECON-200 and ECON-150. Note: Students may not receive credit toward a degree for both ECON-200 and ECON-150.	Sustainability Inclusive
UG	Bernhard Gunter	ECON-363	Macroeconomics of Econ Devel	1	Economics	Theoretical and empirical exploration of macroeconomic issues and policies in developing countries. Topics include exchange rates, monetary policy, fiscal policy, international trade, international financial flows, financial crises, structural adjustment, and related topics. Usually Offered: spring. Prerequisite: ECON-301 or ECON-401.	Sustainability Inclusive
UG	Mahmud Yesuf	ECON-379	Economics of Environmental Pol	1	Economics	The relationship between economic activity and the natural environment; the meaning and implications of sustainable development. Includes environmental protection, resource conservation, evaluation of environmental costs and benefits, and optimal management of natural resources. Also compares different policy approaches to regulating pollution and the exploitation of common property resources. Usually Offered: fall. Prerequisite: ECON-100; and ECON-150 or ECON-200.	Sustainability Focused
UG	Mahmud Yesuf	ECON-379	Economics of Environmental Policy (3)	1	Economics	The relationship between economic activity and the natural environment; the meaning and implications of sustainable development. Includes environmental protection, resource conservation, evaluation of environmental costs and benefits, and optimal management of natural resources. Also compares different policy approaches to regulating pollution and the exploitation of common property resources. Usually Offered: fall. Prerequisite: ECON-100; and ECON-150 or ECON-200.	Sustainability Inclusive
UG	Ralph Sonenshine	ECON-547	Economics of Antitrust and Regulation (3)	1	Economics	Economic analysis of government policies affecting Business behavior, with focus on the U.S. economy. In addition to antitrust (or competition) policy and traditional public utility regulation, price and entry regulation in transportation and service sectors, and social (health, safety, and environmental) regulations are also evaluated. Usually Offered: summer. Prerequisite: ECON-300 or ECON-400 or ECON-346; or ECON-600 or ECON-803.	Sustainability Inclusive

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GR	Bernhard Gunter	ECON-642	Public Economics	2	Economics	Rationale for the existence of the public sector. Theory of public goods and taxation. Prerequisite: ECON-600 or ECON-803, and ECON-601 or ECON-802.	Sustainability Inclusive
GR	Claire Brunel	ECON-670	Survey of International Econ	6	Economics	International trade theory and policy analysis; welfare effects of trade policies; international monetary economics including balance of payments and exchange rates; open economy macroeconomics. Intended for master's students from other teaching units; no credit toward PhD in economics. Prerequisite: ECON-603, or ECON-600 and ECON-601.	Sustainability Inclusive
GR	Mieke Meurs	ECON-674	Gender Economics I (3)	1	Economics	This course explores the gender dimensions of economic life drawn from a rich body of gender-aware analyses in micro- and macro-economics. Using analytical models, empirical studies, case histories, and ethnographic research, it examines the History of gender and feminist economics, theories of the household and household bargaining, care work and unpaid work, gendered dimensions of labor markets, the role of gender in agriculture and environmental conservation, fiscal policy, macroeconomic modeling, and trade. Usually Offered: alternate falls (even years). Prerequisite: ECON-600 or ECON-803, and ECON-601 or ECON-802; or ECON-603.	Sustainability Inclusive
UG	N/A	ECON-679	Introduction to Environmental Economics (3)	1	Economics	An analysis of the relationship between economic activity and the natural environment. The course focuses on using economic theory to address environmental policy issues. Policy measures for regulating pollution and managing common property resources are explored, including emission taxes, tradable pollution permits, and property rights solutions. Applications to global environmental issues such as climate change and local environmental problems are emphasized. Students gain an understanding of the meaning of efficiency and sustainability and the types of policies required to achieve them. Crosslist: SIS-652. Usually Offered: fall. Prerequisite: ECON-600 or ECON-603.	sustainability focused

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UG	Hannah Jardine	EDU-351	Science/Engineering Discp Core	1	Education	Focuses on science and engineering disciplinary core ideas and practices in the elementary classroom, including concepts in life, physical, and eArth and space science as well as principles of engineering design. Course content and assignments help students deepen their science content knowledge while developing the science and engineering pedagogical content knowledge necessary to implement integrated and multidisciplinary instruction in the elementary classroom. Usually Offered: spring.	Sustainability Focused
UG	Hannah Jardine	EDU-420	Psychology of Education	6	Education	Surveys the research literature on learning theories and human development with an emphasis on the role of educators. Includes focus on issues and theories related to multicultural education, special education, evaluation, memory and cognition, and instructional design. Usually Offered: fall and spring.	Sustainability Inclusive
GR	Michael Gibbons	EDU-596	Selected Topics:Non-Recurring	3	Education	Included examples of human ecology education, and included a one week study visit to a rural nonformal education center on a farm in the Appalachiam mountains.	Sustainability Inclusive
GR	Michael Gibbons	EDU-696	Selected Topics:Non-Recurring	1	Education	Peace education course which includes climate change and environmental damage as examples of systemic violence; and includes examples of human ecology education as illustrations of a new form of peace education.	Sustainability Focused
GR	Megan Callahan	EDU-740	Special Education I	10	Education	This course provides both an overview of the characteristics of students with exceptional learning needs, and the field's History, laws, procedures, and trends. As a foundational course in special education, it allows allow pArticipants to explore the state of special education in the United States today and its impact on urban education. Grading: A-F only. Restriction: Teaching (MAT) [Urban Teachers].	Sustainability Inclusive
GR	Megan Callahan	EDU-741	Special Education II	11	Education	This course examines a framework for understanding key concepts in inclusion as they relate to the academic, social, and emotional development of all learners. This course encourages pArticipants to consider the cultural and linguistic issues that influence students' needs as well as families' understandings of special education services. Grading: A-F only. Restriction: Teaching (MAT) [Urban Teachers].	-

American University Sustainability Courses AY2022-23

GR	Megan Callahan	EDU-742	Assess/Diagnosis Diverse Lnrs	12	Education	<p>This course examines the diagnostic and assessment process that students in need of academic and behavior supports gradually undergo towards the potential eligibility for special education services. Throughout the course, the participants explore the continuum of assessment instruments from Tier 1 to Tier 3 and their multiple purposes (progress monitoring, diagnostic, eligibility etc.). The foci include understanding the difference between the different types of assessments and their purpose in multitier systems of supports across general and special education classrooms, review of measurement statistics and practice with the administration, scoring, and interpretation of commonly used norm-referenced instruments, and becoming familiar with the assessment procedures used for determination of eligibility for special education. The course includes writing a formal educational report based on multiple data points of formal and informal assessments and making recommendations for instructional supports and strategies. Grading: A-F only. Restriction: Teaching (MAT) [Urban Teachers].</p>	-
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American University Sustainability Courses AY2022-23

GR	Megan Callahan	EDU-743	Design/Implmnt Indiv Instructn	12	Education	<p>This course examines the process of designing and implementing individualized instruction for diverse learners, with an emphasis on students with disabilities, from its early stages to its final destination, the Individualized Education Plan (IEP). Throughout the course, participants come to understand the steps general and special education teachers engage in during the entire identification process from the moment when a suspicion of disability is present until the individualized education plan is implemented. Participants also engage in aspects of individualized instruction for English Language Learners and Gifted and Talented students. The foci include supporting the learner during the pre-referral and referral stages while documenting a suspicion of disability; using informal and formal assessment results to design Individualized Education Plans (IEPs) for learners with disabilities and plans for ELL and GT students; and becoming knowledgeable about the multiple facets of the IEP process, including the implementation of academic goals across different types of special education settings. The course concludes with IEP progress monitoring and reporting, including a brief overview of case management processes. Grading: A-F only. Restriction: Teaching (MAT) [Urban Teachers].</p>	-
GR	Megan Callahan	EDU-747	Understand/Man aging Behavior	12	Education	<p>This course presents an overview of behavior management within the framework of understanding the context and function of behavior, while developing systems that promote prosocial behaviors in the classroom. Residents consider the interactions of people, environments, and responses to behaviors as factors that influence student behavior. Residents also demonstrate understanding of Functional Behavior Assessments (FBA) and develop a Behavior Intervention Plan (BIP) as a method to address challenging behaviors. Grading: A-F only. Restriction: Teaching (MAT) [Urban Teachers].</p>	-

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GR	Marla Hunter	EDU-781	Math Methods I	3	Education	<p>This course provides participants with initial structure and resources to provide a framework for teaching that focuses on data-based decision making to determine the instructional format (e.g., whole-class, small group, or one to one), the instructional response (e.g., analyzing and responding to data that has been gathered), and co-teaching in an inclusive setting. Participants discuss effective methods for lesson planning, incorporating the needs of students with IEPs and 504 plans, and assessment. Participants have the opportunity to rehearse lessons prior to implementation and respond to feedback. This course provides participants with a space for self-analysis of the effectiveness of instructional strategies and techniques for the purpose of making adjustments to better suit the needs of all students, based on assessment data and video observations. Grading: A-F only. Restriction: Teaching (MAT) [Urban Teachers].</p>	Sustainability Inclusive
GR	Marla Hunter	EDU-785	Geometrical Thinking	3	Education	<p>This course ensures that participants acquire knowledge of the big ideas and topics in middle and high school geometry. Participants learn, rehearse, and enact pedagogical practices to promote, gather, and interpret students' geometric thinking and reasoning in secondary mathematics classrooms. Standards for mathematical practice and standards-based habits of mind for geometrical thinking serve as theoretical frameworks for defining high-quality geometrical thinking and reasoning. Participants experience and discuss the attributes of secondary mathematics learning environments that promote and foster geometric sense making as it relates to teacher moves and task selection. Participants evaluate the effectiveness of their planning or implementation. Grading: A-F only. Restriction: Teaching (MAT) [Urban Teachers].</p>	Sustainability Inclusive
UG	Valentina Aquila	ENVS 459	Climatology	1	Environmental Science	<p>This course investigates the physical and energetic exchange mechanisms within the atmosphere through time and space. Climate is examined by reconstructing the past and modeling future trends. Emphasis is placed on large-scale climate patterns, but the processes involved in storm front development also are explored. Topics covered include atmosphere-ocean interaction, wind circulation patterns, atmospheric water vapor and temperature, hurricane and tornado development, and the climate's impact on humans and their response to it.</p>	Sustainability Inclusive

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UG	Valentina Aquila	ENVS 600	Climatology	1	Environmental Science	This course investigates the physical and energetic exchange mechanisms within the atmosphere through time and space. Climate is examined by reconstructing the past and modeling future trends. Emphasis is placed on large-scale climate patterns, but the processes involved in storm front development also are explored. Topics covered include atmosphere-ocean interaction, wind circulation patterns, atmospheric water vapor and temperature, hurricane and tornado development, and the climate's impact on humans and their response to it.	Sustainability Inclusive
UG	N/A	ENVS-102	Seminar in Environmental Issues (1)	1	Environmental Science	This seminar for beginning environmental studies majors introduces students to the domain of environmental science as a discipline. The scientific, economic, and social issues underlying major environmental problems are presented through faculty and guest speakers, readings, and discussions.	Sustainability Inclusive
UG	Stephen MacAvoy	ENVS-150	Nature of Earth	18	Environmental Science	This course, which includes a weekly laboratory, covers the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world; to identify and analyze environmental problems; and to evaluate potential solutions. The course explores the topics of biodiversity and conservation, ecology and evolution, population dynamics, nutrient cycling, and ecosystems resources. AU Core Habits of Mind: Natural-Scientific Inquiry.	Sustainability Focused
UG	Dhananjaya Katju, Emmanuel Nuesiri	ENVS-150	Nature of Earth FA5	1	Environmental Science	This course, which includes a weekly laboratory, covers the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world; to identify and analyze environmental problems; and to evaluate potential solutions. The course explores the topics of biodiversity and conservation, ecology and evolution, population dynamics, nutrient cycling, and ecosystems resources. AU Core Habits of Mind: Natural-Scientific Inquiry.	Sustainability Inclusive
UG	Karen Knee	ENVS-160	Biodiversity and Ecosystems	6	Environmental Science	PART of a two-course introduction to environmental science focusing on biological aspects of environmental science such as evolutionary biology, ecology and biodiversity, populations, food and agriculture, environmental health, and the impacts of climate change. Usually Offered: fall. Note: Intended for students pursuing an Environmental Science (BS), Environmental Studies (BA), or Environmental Science (Minor).	Sustainability Focused

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UG	Stephen MacAvoy	ENVS-160	Biodiversity and Ecosystems: Foundations of Environmental Science FA5 (4)	1	Environmental Science	PART of a two-course introduction to environmental science focusing on biological aspects of environmental science such as evolutionary Biology, ecology and biodiversity, populations, food and agriculture, environmental health, and the impacts of climate change. Usually Offered: fall. Note: Intended for students pursuing an Environmental Science (BS), Environmental Studies (BA), or Environmental Science (Minor).	Sustainability Inclusive
UG	Stephen MacAvoy	ENVS-194	Comm Service Learning Project	2	Environmental Science	Grading: Pass/Fail only. Permission: instructor and Center for Community Engagement & Service.	Sustainability Inclusive
UG	N/A	ENVS-220	Energy and Resources FA5 (3)	1	Environmental Science	An overview of the key ecological, chemical, and physical concepts, principles, and processes that underlie the major natural resource questions currently under public discussion, with a focus on energy and climate. Students examine the pros and cons of various sources of energy (coal, oil, natural gas, nuclear, hydropower, wind, biomass, tidal, and geothermal) within the framework of sustainable development, including its environmental, economic, and social dimensions. Usually Offered: fall, spring, and summer.	Sustainability Inclusive
UG	N/A	ENVS-250	Living on Earth FA5 (3)	1	Environmental Science	This course covers the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, to critically examine the relative risks associated with these problems, and to evaluate potential solutions. The course explores the topics of water and air pollution, solid waste, weather and climate, energy, and regulations and policy in the context of sustainability. Usually Offered: fall and spring.	sustainability focused
UG	Kristine Beran	ENVS-260	Energy and Pollution	6	Environmental Science	PART of a two-course introduction to environmental science focusing on physical science aspects such as geology, water and air pollution and their causes, solid waste, weather and climate, and both conventional and sustainable energy options. Emphasis is on sustainability and meeting environmental challenges. Laboratory relates to lecture topics, emphasizing quantitative tools (lab and field) to gather data for analysis and hypothetical testing, and developing models to project future status based on current information. Usually Offered: spring. Note: Intended for students pursuing an Environmental Science (BS), Environmental Studies (BA), or Environmental Science (Minor).	Sustainability Focused

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UG	Kristine Beran	ENVS-260	Energy and Pollution: Foundations of Environmental Science FA5 (4)	1	Environmental Science	Part of a two-course introduction to environmental science focusing on physical science aspects such as geology, water and air pollution and their causes, solid waste, weather and climate, and both conventional and sustainable energy options. Emphasis is on sustainability and meeting environmental challenges. Laboratory relates to lecture topics, emphasizing quantitative tools (lab and field) to gather data for analysis and hypothetical testing, and developing models to project future status based on current information. Usually Offered: spring. Note: Intended for students pursuing an Environmental Science (BS), Environmental Studies (BA), or Environmental Science (Minor).	Sustainability Inclusive
UG	Mwangi Njagi	ENVS-306	Environmental Conservation and Social Science (3)	1	Environmental Science	Taught at the Impala Research Centre in Northern Kenya, this course introduces students to the complex dynamics between humans and wildlife. Students learn about how the health of humans and wildlife is maintained when living in close proximity can spread new diseases and pose risks, what techniques pastoralists and ranchers use to maintain their herds and make their livelihoods, and the intersection of conservation and wildlife through the lens of ecotourism. The course includes visits to surrounding conservancies. Usually Offered: spring. Grading: A-F only. AU Abroad: Kenya: Nairobi.	Sustainability Inclusive
UG	Karen Knee	ENVS-310	Environmental Methods	1	Environmental Science	This is a hands-on, field-based course, with half of the class periods spent outside using environmental science methods to learn about the local environment. Students analyze data from American University's weather station, collect and identify aquatic insects, core trees, dig soil pits, and measure the quantity and quality of stream and ground water. Usually Offered: fall. Prerequisite: ENVS-150 or ENVS-160, and ENVS-250 or ENVS-260, or 8 credits from Habit of Mind: Natural-Scientific Inquiry courses.	Sustainability Focused
UG	K. L. Knee	ENVS-310	Environmental Methods (3)	1	Environmental Science	This is a hands-on, field-based course, with half of the class periods spent outside using environmental science methods to learn about the local environment. Students analyze data from American University's weather station, collect and identify aquatic insects, core trees, dig soil pits, and measure the quantity and quality of stream and ground water. Usually Offered: fall. Prerequisite: ENVS-150 or ENVS-160, and ENVS-250 or ENVS-260, or 8 credits from Habits of Mind: Natural-Scientific Inquiry courses.	Sustainability Inclusive

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UG	Mwangi Njagi	ENVS-311	Environmental Studies: Turkana Basin Institute (3)	1	Environmental Science	Topics vary by section. Students attend lectures at the Turkana Basin Institute (TBI) and conduct research and fieldwork in the Turkana basin in Kenya. Topics include the ecology and geology of East Africa. Repeatable for credit with different topic. Grading: A-F only. AU Abroad: Kenya: Turkana Basin.	Sustainability Inclusive
UG	Aimee Neeley	ENVS-312	Oceanography	1	Environmental Science	The study of the sea from a global perspective. Emphasis on chemical and physical oceanography as it affects life in the seas and the world economies. Includes origin of the oceans, basic navigation, marine geography, plate tectonics, heat budgets, climatology, meteorology, winds, currents, waves, tides, productivity, and fisheries.	Sustainability Inclusive
UG	Emmanuel Nuesiri	ENVS-324	Environmental Health	3	Environmental Science	Environmental health is concerned with the influence of biological, chemical, and physical agents on human health and potential solutions associated with major environmental problems. This course introduces key terms and concepts used in the field of environmental health, focusing on environmental exposures, human health effects, and appropriate interventions on the local, national, and global scale. Usually Offered: fall. Grading: A-F only. Prerequisite: BIO-110 or ENVS-150 or ENVS-160 or PUBH-110 or SISU-250. Recommendation: BIO-210 or ENVS-260.	Sustainability Inclusive
UG	Mwangi Njagi	ENVS-324	Environmental Health (3)	1	Environmental Science	Environmental health is concerned with the influence of biological, chemical, and physical agents on human health and potential solutions associated with major environmental problems. This course introduces key terms and concepts used in the field of environmental health, focusing on environmental exposures, human health effects, and appropriate interventions on the local, national, and global scale. Usually Offered: fall. Grading: A-F only. Prerequisite: BIO-110 or ENVS-150 or ENVS-160 or HLTH-110 or SISU-250. Recommendation: BIO-210 or ENVS-260.	Sustainability Inclusive
UG	Stephen MacAvoy	ENVS-350	Environmental Geology	2	Environmental Science	This course examines important environmental phenomena strongly influenced by geology, including environmental acidification, sedimentation/weathering, fossil fuels, global warming and efforts at mitigation, plate tectonics, and biogeochemical cycles. The class also explores earthquakes, volcanoes, tsunamis, and other natural hazards. A focus of the course is geology as it relates to, or is impacted by, human activities.	Sustainability Focused

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UG	Stephen MacAvoy	ENVS-350	Environmental Geology (3)	1	Environmental Science	This course examines important environmental phenomena strongly influenced by geology, including environmental acidification, sedimentation/weathering, fossil fuels, global warming and efforts at mitigation, plate tectonics, and biogeochemical cycles. The class also explores earthquakes, volcanoes, tsunamis, and other natural hazards. A focus of the course is geology as it relates to, or is impacted by, human activities.	Sustainability Inclusive
UG	Michael Alonzo	ENVS-380	Topics Environmental Science	3	Environmental Science	This course is "Urban Ecology". A primary focus is on the interrelationships among people, flora, fauna, and the built environment. The final paper is explicitly about best practices for creating/maintaining/encouraging sustainable cities.	Sustainability Focused
UG	N/A	ENVS-380	Topics in Environmental Science (1-3)	1	Environmental Science	Topics vary by section. Rotating topics providing topical, rigorous science- and policy-based instruction and experiential learning that prepare students for further inquiry in environmental fields. Repeatable for credit with different topic.	Sustainability Inclusive
UG	N/A	ENVS-390	Independent Reading Course in Environmental Studies (1-6)	1	Environmental Science	Permission: instructor and department chair.	Sustainability Inclusive
UG	N/A	ENVS-410	Environmental Science I (3)	1	Environmental Science	This course starts with the History and overarching concepts of environmental science, and continues with a survey of aspects including population and demographics; agriculture and toxic substances; energy sources, energy utilization, and efficiency; water resources and pollution; local and regional air pollution; and ozone depletion and global warming/climate change. Examples are chosen with a current global perspective and an eye to policy debates. Crosslist: ENVS-610. Usually Offered: fall.	Sustainability Inclusive

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UG	Stephen MacAvoy	ENVS-415	Environmental Science II	1	Environmental Science	This course covers the geological cycling of nutrients and elements that are heavily influenced by biological function as well as geochemical processes. The global geochemical cycles of oxygen, hydrogen, sulfur, nitrogen, carbon, etc. are broken down and quantified. The course also covers the origins of the biosphere, biogeochemistry of land and water, climate change scenarios, carbon sequestration, and environmental acidification. Current research Articles addressing important areas of environmental science are presented, linking the science discussed in class with environmental policy decisions and debates. Crosslist: ENVS-615. Usually Offered: spring.	Sustainability Focused
UG	Stephen MacAvoy	ENVS-415	Environmental Science II (3)	1	Environemtnal Science	This course covers the geological cycling of nutrients and elements that are heavily influenced by biological function as well as geochemical processes. The global geochemical cycles of oxygen, hydrogen, sulfur, nitrogen, carbon, etc. are broken down and quantified. The course also covers the origins of the biosphere, biogeochemistry of land and water, climate change scenarios, carbon sequestration, and environmental acidification. Current research Articles addressing important areas of environmental science are presented, linking the science discussed in class with environmental policy decisions and debates. Crosslist: ENVS-615	Sustainability Inclusive
UG	Jessica GephArt	ENVS-450	Environmental Data Analysis and Visualization (3)	1	Environemtnal Science	Environmental science draws upon diverse types of data to understand how human actions impact the environment and inform the management of environmental systems. Effective data visualization is also an increasingly important aspect of environmental science communication. This course focuses on the basic data analysis and visualization skills necessary to bring together environmental data that vary in time, space, type, and quality. It includes fundamentals of data management and reproducible workflows, introductory coding, and basic principles of data visualization. Students apply these skills to real data that relate to current environmental issues. Crosslist: ENVS-650	Sustainability Inclusive

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UG	Kristine Beran	ENVS-452	Sustain Seafood: Science/Mgmt	1	Environmental Science	This course provides students with a foundational background of the ecological science and management practices that underpin sustainable aquatic food production. Students learn about aquatic ecosystems, fish populations ecology, and aquatic food webs. Students also learn how these concepts relate to fishery management and conservation, such as traditional practices, market-based tools, and spatial closures. The course takes a social-ecological systems-approach to evaluating both the challenges and opportunities for aquatic foods to contribute to sustainable food systems. Crosslist: ENVS-652.	Sustainability Focused
UG	Emmanuel Nuesiri	ENVS-454	Geographic Information Systems	3	Environmental Science	Geographic Information Systems (GIS) are tools for managing, describing, analyzing, and communicating spatial data. This course introduces the concepts and components of a GIS. It also teaches the essential skills of operating a functional GIS through the use of the ArcGIS Pro software package. By completing this course, students understand the operational processes of spatial data acquisition, editing, metadata development, geodatabase design, spatial query, spatial analysis, and cartographic presentation. Students are also exposed to Google Earth and common open source GIS tools, as well as the basic concepts of remote sensing and Global Positioning System (GPS). AU Core Integrative Requirement: Quantitative Literacy II. Crosslist: ENVS-654. Usually Offered: fall and spring. Prerequisite: completion of Quantitative Literacy I requirement and completion of Written Communication and Information Literacy I requirement.	Sustainability Inclusive

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UG	Michael Alonzo	ENVS-455	Environmental GIS	1	Environmental Science	Geographic Information Systems (GIS) hardware and software are commonly used to map and analyze the drivers and implications of deforestation, urbanization, flooding, air/water/soil pollution, environmental health disparities, and myriad other spatial-environmental phenomena. In this course, students enhance their theoretical and technical knowledge of GIS through analysis and cartographic representation of socio-environmental issues. The course primarily uses ArcGIS Pro, with emphasis on spatial modeling and Model Builder. AU Core Integrative Requirement: Quantitative Literacy II. Crosslist: ENVS-655. Prerequisite: completion of Quantitative Literacy I requirement. Note: Open to both new and intermediate GIS users; material is presented quickly, and students should be self-motivated to seek technical assistance.	Sustainability Inclusive
UG	N/A	ENVS-455	Environmental Geographic Information Systems (3)	1	Environmental Science	Geographic Information Systems (GIS) hardware and software are commonly used to map and analyze the drivers and implications of deforestation, urbanization, flooding, air/water/soil pollution, environmental health disparities, and myriad other spatial-environmental phenomena. In this course, students enhance their theoretical and technical knowledge of GIS through analysis and cartographic representation of socio-environmental issues. The course primarily uses ArcGIS, with emphasis on spatial modeling and Model Builder. AU Core Integrative Requirement: Quantitative Literacy II. Crosslist: ENVS-655. Prerequisite: ENVS-454 and completion of Quantitative Literacy I requirement. Permission: instructor.	Sustainability Inclusive
UG	Valentina Aquila	ENVS-460	Climatology	1	Environmental Science	This course investigates the physical and energetic exchange mechanisms within the atmosphere through time and space. Climate is examined by reconstructing the past and modeling future trends. Emphasis is placed on large-scale climate patterns, but the processes involved in storm front development also are explored. Topics covered include atmosphere-ocean interaction, wind circulation patterns, atmospheric water vapor and temperature, hurricane and tornado development, and the climate's impact on humans and their response to it. AU Core Integrative Requirement: Quantitative Literacy II. Crosslist: ENVS-660. Usually Offered: alternate falls (odd years). Prerequisite: completion of Quantitative Literacy I requirement.	Sustainability Inclusive

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UG	Alexander Golub	ENVS-465	Environmental Risk Assessment (3)	1	Environmental Science	The nature and methods of environmental risk assessment through critical analysis of case histories. The scientific concepts and analytic methods of each case study are explored through solution to sets of specific problems. Case studies include statistical modeling of environmental risk factors, the principle of uncertainty, toxicology, epidemiology, the differing routes of exposure, types of technical risks, basics of decision analysis, and effective communication of risk assessment results. Crosslist: ENVS-665. Usually Offered: fall.	Sustainability Inclusive
UG	N/A	ENVS-475	Environmental Toxicology (3)	1	Environmental Science	This course combines elements of many scientific disciplines including Biology, chemistry, environmental science, and risk assessment. It is the study of the effects of toxic substances on environmental systems and in living organisms including humans. In this course students gain an understanding of the sources of environmental contaminants; examine toxicological methods to assess the fate and effects of environmental chemicals on organisms and the environment; and explore toxic substances of current and emerging concern. The fundamental concepts are reinforced by discussions and projects that draw upon case studies and the peer-reviewed scientific literature. Crosslist: ENVS-675. Usually Offered: alternate springs (even years). Prerequisite: BIO-110 or CHEM-110 and CHEM-111, ENVS-260, and a minimum of 60 credits.	Sustainability Inclusive
UG	Michael Alonzo	ENVS-485	Remote Sensing: Env Measuremnt	1	Environmental Science	Satellite and aerial imagery allow for analysis of environmental conditions and change at every point on eArth, nearly every day. This course introduces multispectral (e.g., Landat, MODIS) and hyperspectral imagery as well as lidar (light detection and ranging) data in the context of quantitative ecological analysis. The course includes remote sensing physical bases, sensors, applications, and methods. AU Core Integrative Requirement: Quantitative Literacy II. Crosslist: ENVS-685. Prerequisite: completion of Quantitative Literacy I requirement.	Sustainability Inclusive

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UG	Michael Alonzo	ENVS-485	Remote Sensing: Environmental Measurement from Satellites and Drones (3)	1	Environmental Science	Satellite and aerial imagery allow for analysis of environmental conditions and change at every point on eArth, nearly every day. This course introduces multispectral (e.g., Landat, MODIS) and hyperspectral imagery as well as lidar (light detection and ranging) data in the context of quantitative ecological analysis. The course includes remote sensing physical bases, sensors, applications, and methods. AU Core Integrative Requirement: Quantitative Literacy II. Crosslist: ENVS-685. Prerequisite: completion of Quantitative Literacy I requirement.	Sustainability Inclusive
UG	Karen Knee	ENVS-490	Independent Study Project in Environmental Studies	7	Environmental Science	Most independent studies completed by ENVS majors relate to sustainability.	Sustainability Focused
UG	N/A	ENVS-490	Independent Study Project in Environmental Studies (1-6)	1	Environmental Science	Permission: instructor and department chair.	Sustainability Inclusive
UG	Karen Knee	ENVS-491	Internship in Environ Studies	5	Environmental Science	Most independent studies completed by ENVS majors relate to sustainability.	Sustainability Focused
UG	N/A	ENVS-491	Internship in Environmental Studies (1-6)	1	Environmental Science	Permission: instructor and department chair.	Sustainability Inclusive
UG	Kara Kokernak	ENVS-492	Senior Capstone Environ Stds	1	Environmental Science	This course is designed to put into practice environmental problem solving by having students Articulate, design, research, and implement an environmental assessment or improvement project. A key component of the course is team projects dealing with a real-world, local issues as well as engaging in debates around controversial environmental issues. In addition, students examine the role of science in environmental policy, politics, and communication. In this regard, students have an opportunity to identify issues that are of keen interest to them and have those incorporated into the course. Finally, the course covers a range of professional development topics such as resume and cover letter writing and networking. AU Core Integrative Requirement: Capstone. Usually Offered: fall. Prerequisite: senior standing. Restriction: Environmental Studies (BA) or Environmental Science (BS).	Sustainability Focused

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UG	N/A	ENVS-492	Senior Capstone in Environmental Studies (3)	1	Environmental Science	This course is designed to put into practice environmental problem solving by having students Articulate, design, research, and implement an environmental assessment or improvement project. A key component of the course is team projects dealing with a real-world, local issues as well as engaging in debates around controversial environmental issues. In addition, students examine the role of science in environmental policy, politics, and communication. In this regard, students have an opportunity to identify issues that are of keen interest to them and have those incorporated into the course. Finally, the course covers a range of professional development topics such as resume and cover letter writing and networking. AU Core Integrative Requirement: Capstone. Usually Offered: fall. Prerequisite: senior standing. Restriction: Environmental Studies (BA)	Sustainability Inclusive
UG	Valentina Aquila	ENVS-494	Comm Service Learning Project	1	Environmental Science	This is an internship in an environmental organization. The student who took this course this semester worked in an organization that recycles plastic bags.	Sustainability Focused
GR	Harold Geller	ENVS-505	Energy	1	Environmental Science	General overview of sources of energy and energy utilization with a focus on the relevant physical concepts, quantification and an emphasis on sustainability. Includes the definition of work, energy, and power; an examination of thermodynamics; different forms of energy and their inter conversion; fossil, nuclear and alternative energy sources; and energy efficiency and conservation. Usually Offered: spring.	Sustainability Inclusive
UG	N/A	ENVS-582	Environmental Law (3)	1	Environmental Science	An overview of environmental law and environmental regulation for environment scientists and environmental policy analysts.	Sustainability Inclusive
UG	N/A	ENVS-590	Independent Reading Course in Environmental Studies (1-6)	1	Environmental Science	Permission: instructor and department chair.	Sustainability Inclusive

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UG	N/A	ENVS-610	Environmental Science I (3)	1	Environmental Science	<p>This course starts with the History and overarching concepts of environmental science, and continues with a survey of aspects including population and demographics; agriculture and toxic substances; energy sources, energy utilization, and efficiency; water resources and pollution; local and regional air pollution; and ozone depletion and global warming/climate change. Examples are chosen with a current global perspective and an eye to policy debates. Crosslist: ENVS-410.</p> <p style="text-align: center;">Usually Offered: fall.</p>	Sustainability Inclusive
GR	Stephen MacAvoy	ENVS-615	Environmental Science II	1	Environmental Science	<p>This course covers the geological cycling of nutrients and elements that are heavily influenced by biological function as well as geochemical processes. The global geochemical cycles of oxygen, hydrogen, sulfur, nitrogen, carbon, etc. are broken down and quantified. The course also covers the origins of the biosphere, biogeochemistry of land and water, climate change scenarios, carbon sequestration, and environmental acidification. Current research Articles addressing important areas of environmental science are presented, linking the science discussed in class with environmental policy decisions and debates. Crosslist: ENVS-415. Usually Offered: spring.</p>	Sustainability Focused
UG	N/A	ENVS-615	Environmental Science II (3)	1	Environmental Science	<p>This course covers the geological cycling of nutrients and elements that are heavily influenced by biological function as well as geochemical processes. The global geochemical cycles of oxygen, hydrogen, sulfur, nitrogen, carbon, etc. are broken down and quantified. The course also covers the origins of the biosphere, biogeochemistry of land and water, climate change scenarios, carbon sequestration, and environmental acidification. Current research Articles addressing important areas of environmental science are presented, linking the science discussed in class with environmental policy decisions and debates Crosslist: ENVS-415. Usually Offered: spring. Grading: A-F only.</p>	Sustainability Inclusive

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UG	N/A	ENVS-650	Environmental Data Analysis and Visualization (3)	1	Environmental Science	Environmental science draws upon diverse types of data to understand how human actions impact the environment and inform the management of environmental systems. Effective data visualization is also an increasingly important aspect of environmental science communication. This course focuses on the basic data analysis and visualization skills necessary to bring together environmental data that vary in time, space, type, and quality. The course includes fundamentals of data management and reproducible workflows, introductory coding, and basic principles of data visualization. Students apply these skills to real data that relate to current environmental issues. Crosslist: ENVS-450. Usually Offered: spring.	Sustainability Inclusive
GR	Kristine Beran	ENVS-652	Sustain Seafood: Science/Mgmt	1	Environmental Science	This course provides students with a foundational background of the ecological science and management practices that underpin sustainable aquatic food production. Students learn about aquatic ecosystems, fish populations ecology, and aquatic food webs. Students also learn how these concepts relate to fishery management and conservation, such as traditional practices, market-based tools, and spatial closures. The course takes a social-ecological systems-approach to evaluating both the challenges and opportunities for aquatic foods to contribute to sustainable food systems. Crosslist: ENVS-452.	Sustainability Focused
GR	Emmanuel Nuesiri	ENVS-654	Geographic Information Systems	3	Environmental Science	Geographic Information Systems (GIS) are tools for managing, describing, analyzing, and communicating spatial data. This course introduces the concepts and components of a GIS. It also teaches the essential skills of operating a functional GIS through the use of the ArcGIS Pro software package. By completing this course, students understand the operational processes of spatial data acquisition, editing, metadata development, geodatabase design, spatial query, spatial analysis, and cartographic presentation. Students are also exposed to Google Earth and common open source GIS tools, as well as the basic concepts of remote sensing and Global Positioning System (GPS). Crosslist: ENVS-454. Usually Offered: fall and spring.	Sustainability Inclusive

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GR	Michael Alonzo	ENVS-655	Environmental GIS	1	Environmental Science	Geographic Information Systems (GIS) hardware and software are commonly used to map and analyze the drivers and implications of deforestation, urbanization, flooding, air/water/soil pollution, environmental health disparities, and myriad other spatial-environmental phenomena. In this course, students enhance their theoretical and technical knowledge of GIS through analysis and cartographic representation of socio-environmental issues. The course primarily uses ArcGIS Pro, with emphasis on spatial modeling and Model Builder. Crosslist: ENVS-455. Grading: A-F only. Note: Open to both new and intermediate GIS users; material is presented quickly, and students should be self-motivated to seek technical assistance.	Sustainability Inclusive
UG	N/A	ENVS-655	Environmental Geographic Information Systems (3)	1	Environmental Science	Geographic Information Systems (GIS) hardware and software are commonly used to map and analyze the drivers and implications of deforestation, urbanization, flooding, air/water/soil pollution, environmental health disparities, and myriad other spatial-environmental phenomena. In this course, students enhance their theoretical and technical knowledge of GIS through analysis and cartographic representation of socio-environmental issues. The course primarily uses ArcGIS, with emphasis on spatial modeling and Model Builder. Crosslist: ENVS-455. Grading: A-F only. Prerequisite: ENVS-654.	Sustainability Inclusive
GR	Valentina Aquila	ENVS-660	Climatology	1	Environmental Science	This course investigates the physical and energetic exchange mechanisms within the atmosphere through time and space. Climate is examined by reconstructing the past and modeling future trends. Emphasis is placed on large-scale climate patterns, but the processes involved in storm front development also are explored. Topics covered include atmosphere-ocean interaction, wind circulation patterns, atmospheric water vapor and temperature, hurricane and tornado development, and the climate's impact on humans and their response to it. Crosslist: ENVS-460.	Sustainability Inclusive

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GR	N/A	ENVS-665	Environmental Risk Assessment (3)	1	Environmental Science	The nature and methods of environmental risk assessment through critical analysis of case histories. The scientific concepts and analytic methods of each case study are explored through solution to sets of specific problems. Case studies include statistical modeling of environmental risk factors, the principle of uncertainty, toxicology, epidemiology, the differing routes of exposure, types of technical risks, basics of decision analysis, and effective communication of risk assessment results. Crosslist: ENVS-465. Usually Offered: fall.	Sustainability Inclusive
GR	N/A	ENVS-665	Environmental Toxicology (3)	1	Environmental Science	This course combines elements of many scientific disciplines including Biology, chemistry, environmental science, and risk assessment. It is the study of the effects of toxic substances on environmental systems and in living organisms including humans. In this course students gain an understanding of the sources of environmental contaminants; examine toxicological methods to assess the fate and effects of environmental chemicals on organisms and the environment; and explore toxic substances of current and emerging concern. The fundamental concepts are reinforced by discussions and projects that draw upon case studies and the peer-reviewed scientific literature. Crosslist: ENVS-475. Usually Offered: alternate springs (even years).	Sustainability Inclusive
GR	N/A	ENVS-681	Environmental Practicum (1-3)	1	Environmental Science	Faculty directed field or laboratory-based environmental science research. Students design and implement a research-intensive project with goal of producing a manuscript for a peer-reviewed publication.	Sustainability Inclusive
GR	Michael Alonzo	ENVS-685	Remote Sensing: Env Measuremnt	1	Environmental Science	Satellite and aerial imagery allow for analysis of environmental conditions and change at every point on eArth, nearly every day. This course introduces multispectral (e.g., Landat, MODIS) and hyperspectral imagery as well as lidar (light detection and ranging) data in the context of quantitative ecological analysis. The course includes remote sensing physical bases, sensors, applications, and methods. Crosslist: ENVS-485. Grading: A-F only.	Sustainability Inclusive

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UG	N/A	ENVS-685	Remote Sensing: Environmental Measurement from Satellites and Drones (3)	1	Environmental Science	Satellite and aerial imagery allow for analysis of environmental conditions and change at every point on eArth, nearly every day. This course introduces multispectral (e.g., Landat, MODIS) and hyperspectral imagery as well as lidar (light detection and ranging) data in the context of quantitative ecological analysis. The course includes remote sensing physical bases, sensors, applications, and methods. Crosslist: ENVS-485. Grading: A-F only.	Sustainability Inclusive
GR	Valentina Aquila	ENVS-689	Seminar Environmental Science	2	Environmental Science	This course provides an overview of current themes in environmental science, possible career paths, and useful skills within and beyond academia. Approximately half of the sessions are dedicated to talks by internal and external speakers on environmental science research or applications. External speakers may include experts and practitioners from academia, non-profits, and industry. Internal speakers include AU faculty as well as graduate students defending their proposals or theses. The remaining sessions focus on journal Article reading and discussion with a goal of elevating understanding of scientific methods and communication across a range of environmental science sub-disciplines. Crosslist: ENVS-489. Repeatable for credit. Restriction: Environmental Science (MS).	Sustainability Inclusive
UG	Valentina Aquila	ENVS-689	Seminar in Environmental Science (1)	1	Environmental Science	This course provides an overview of current themes in environmental science, possible career paths, and useful skills within and beyond academia. Approximately half of the sessions are dedicated to talks by internal and external speakers on environmental science research or applications. External speakers may include experts and practitioners from academia, non-profits, and industry. Internal speakers include AU faculty as well as graduate students defending their proposals or theses. The remaining sessions focus on journal Article reading and discussion with a goal of elevating understanding of scientific methods and communication across a range of environmental science sub-disciplines. Repeatable for credit. Restriction: Environmental Science (MS).	Sustainability Inclusive
GR	Valentina Aquila	ENVS-690	Environmental Science Research	2	Environmental Science	Independent research projects in environmental science. Usually Offered: fall and spring.	Sustainability Focused
UG	N/A	ENVS-690	Environmental Science Research (1-3)	1	Environmental Science	Independent research projects in environmental science. Usually Offered: fall and spring.	Sustainability Inclusive

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GR	Karen Knee	ENVS-691	Internship in Environ Studies	5	Environmental Science	Permission: instructor and department chair.	Sustainability Focused
UG	N/A	ENVS-691	Internship in Environmental Studies (1-3)	1	Environmental Science	Permission: instructor and department chair.	Sustainability Inclusive
GR	Valentina Aquila	ENVS-797	Master's Thesis Research	23	Environmental Science	Grading: SP/UP only.	Sustainability Inclusive
UG	Timothy Timura	FIN-369	Investment Analysis	3	Environmental Science	Investment objectives. Methods of appraising corporate equity, debt, and other securities. Portfolio theory and management, technical analysis, random walk theory, and the role of institutional investors. Case studies and computer simulation are used. Prerequisite: FIN-365.	-
UG	Timothy Timura	FIN-390	***** Varies by Student *****	1	Business	Permission: instructor and department chair.	-
UG	Timothy Timura	FIN-461	Behavioral Finance	1	Business	This course examines the field of finance within the context of behavior theory. Students learn the underlying principles and latest research on decision-making under conditions of uncertainty in financial settings. Topics include the behavioral aspects of corporate finance, asset prices, and financial market anomalies. Crosslist: FIN-661. Grading: A-F only. Prerequisite: FIN-365.	-
UG	Valentina Bruno	FIN-464	Financial Markets&Institution	4	Business	Topics covered include interest rates, risk and term structure, financial markets efficiency, fundamentals of financial and depository institutions, agency problems, financial regulation, and interest rate risk management. An integrated view of the participating institutions and the markets in which they operate, their investment constraints, and resulting portfolios. Prerequisite: FIN-365.	Sustainability Inclusive
UG	Kimberly Luchtenberg	FIN-466	Real Estate Prin & Transaction	1	Business	Principles and practices of listing real property, agreement of sale, and the transfer of title or ownership and interests. Drawing documents, contracts, deeds, leases, financing and other instruments. Private and public property rights, liens, taxes, assessments, and other claims on real estate. Mathematical problems in investment real estate. Approved for the real estate salesperson examination. Prerequisite: FIN-365.	Sustainability Inclusive

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UG	Kimberly Luchtenberg	FIN-467	Mortgage Finance	1	Business	This course explores the impact of changes in the national economy (as measured by GNP, consumer spending, inflation, interest rates, and other economic data) on real estate markets. Topics covered include the effects of general economic conditions on the value of both housing and commercial property, and on financing arrangements and financial instruments in this market (e.g., mortgage markets, including ARMs and creative financing, secondary mortgage markets, MBS, CMOs, and other new developments in real estate financing). Crosslist: REAL-667. Prerequisite: FIN-365.	Sustainability Inclusive
UG	Timothy Timura	FIN-470	Alternative Assets	1	Business	Developed through the lens of the ChArtered Alternative Investment Analyst Association and oriented toward satisfying the academically-based professional certification requirements of the industry, this course is a deep dive into the theory, practice and application of alternative assets investment analysis and management. Crosslist: FIN-670. Grading: A-F only. Prerequisite: FIN-369.	-
UG	Mircea Enache	FIN-475	Real Estate Management & Devel	1	Business	Property management, development, operation, and construction of physical real estate, including residential, industrial, office, hotel, and retail. Development investment strategies including land-use planning, zoning, entitlement, and coordination of construction, and valuation of land, including real options. Operation and management of property, including issues of agency and self-selection, tenant selection, retention, and management. Prerequisite: FIN-365.	Sustainability Inclusive
UG	Timothy Timura	FIN-490	***** Varies by Student *****	15	Business	Prerequisite: FIN-365. Permission: instructor and department chair.	-
UG	Timothy Timura	FIN-496	Selected Topics:Non-Recurring	3	Business	Topics vary by section. Repeatable for credit with different topic.	Sustainability Focused

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GR	Timothy Timura	FIN-576	Student-Managed Investmnt Fund	7	Business	The Student Managed Investment Fund (SMIF) is a collaborative class that provides valuable, real-time experiential learning in securities analysis and portfolio management. Students learn equity valuation and portfolio management techniques and tools to demonstrate practical knowledge in research, investing, portfolio management, and the dynamics of equity markets. Repeatable for credit. Prerequisite: FIN-369 or FIN-672. Permission: instructor.	Sustainability Inclusive
GR	Timothy Timura	FIN-614	Financial Management	12	Business	Financial theory and techniques of analysis, including valuation theory, theories of risk measurement, managing the firm's investment decisions, cash distributions, and capital structure, sources of financing for the firm and financial planning and analysis. Prerequisite: ACCT-607 and ITEC-610.	Sustainability Inclusive
GR	Timothy Timura	FIN-670	Alternative Assets	1	Business	Developed through the lens of the ChArtered Alternative Investment Analyst Association and oriented toward satisfying the academically-based professional certification requirements of the industry, this course is a deep dive into the theory, practice and application of alternative assets investment analysis and management. Crosslist: FIN-470. Grading: A-F only. Prerequisite: FIN-672.	Sustainability Inclusive
GR	Ericka Simmons	FIN-685	Topics in Finance	3	Business	Topics vary by section. Rotating topics of special interest in finance and related interdisciplinary topics. Repeatable for credit with different topic.	Sustainability Inclusive
UG	Karina Jeronimides	FREN-123	French, Elementary II	6	World Language and Culture	Continuation of FREN-122. Usually Offered: fall and spring. Prerequisite: FREN-122.	Sustainability Inclusive
UG	Karina Jeronimides	FREN-223	French, Intermediate II	7	World Language and Culture	Continuation of FREN-222. Usually Offered: fall and spring. Prerequisite: FREN-222.	Sustainability Inclusive
UG	Ioanna Sakellion	GDES-220	Digital & Emerg Media Design I	4	Communication	Students develop applied creative projects and acquire technical skills to become adept at essential software, design principles and practices for screen-based digital and emerging media. Students also learn foundations of front-end web coding such as HTML and CSS, and develop technical problem solving and organizational skills. Course lectures address the cultural backdrop of the Internet as it applies to design.	Sustainability Inclusive

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UG	Anna Leithauser	GDES-270	Design for Understanding	9	Communication	In this course students develop creative thinking strategies, produce creative works, and discuss issues pertaining to formal, technical, and cultural considerations of design. Students develop fluency in the principles of visual language to form a basis of aesthetic judgment and develop methods of analysis and inquiry for creative thinking as well as becoming familiar with graphic principles, tools, and techniques. The course combines in-studio practice with class critiques of work, software tutorials, and supporting lectures. AU Core Habits of Mind: Creative-Aesthetic Inquiry. Usually Offered: fall and spring. Grading: A-F only. Restriction: Registration not allowed in both GDES-270 and GDES-200. Note: Students may not receive credit toward a degree for both GDES-270 and GDES-200.	Sustainability Inclusive
UG	Anna Leithauser	GDES-300	Typography II: Type and Image	2	Communication	Students create typographically focused design solutions to design challenges, and explore the relationship between type and image across print and digital media. The course emphasizes ideation of sophisticated design combining visual and verbal elements, as well as the development of advanced publication layout skills, grid-based typographic structures, and information design. Prerequisite: GDES-200 or GDES-270, and GDES-210.	Sustainability Inclusive
UG	Ioanna Sakellion	GDES-325	Kinetic & Sequential Graphics	1	Communication	Students explore the application of typographic, compositional, and conceptual design principles in the context of time and sequence. Students develop advanced skills in the creation of kinetic typography and graphics applied to design challenges including identity, information, and conceptual expression, whether for linear or interactive sequential design. Usually Offered: spring. Prerequisite: GDES-300.	Sustainability Inclusive
UG	Ioanna Sakellion	GDES-405	Exp Design: Interactive Media	1	Communication	This course introduces students to design elements and techniques for mobile applications. Through hands-on projects, exercises, and supporting lectures, students conceptualize, design, prototype, and execute interactive experiences for portable digital devices. The creative projects emphasize developing the ability to clearly articulate complex information architecture while producing compelling and vibrant user interfaces. Usually Offered: fall. Prerequisite: GDES-300	Sustainability Inclusive
UG	Ioanna Sakellion	GDES-490	***** Varies by Student *****	2	Communication	Permission: instructor and department chair.	Sustainability Inclusive
UG	Ioanna Sakellion	GDES-491	Internship	10	Communication	Permission: instructor and department chair.	Sustainability Inclusive

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UG	N/A	GOV-332	Comparative Environmental Politics (3)	1	Government	To give students a strong sense of one of the most important and yet misunderstood political issues of our time, this course explains why some nations have adopted strong positions vis-a-vis climate change and others have not. The course requires extensive research by students, and also role-playing of national positions in exercises to consider the interplay between domestic and global environmental policies and the roles interest groups and other actors play within nations in the Articulation of political agendas. Grading: A-F only. Prerequisite: GOVT-130. Restriction: minimum 2.5 GPA.	Sustainability Inclusive
UG	Megan Kurten	GOVT-109	Summer Scholars Topics	1	Government	Topics vary by section. Rotating topics include political action and public policy. Usually Offered: summer. Repeatable for credit with different topic. Restriction: HSSS program.	Sustainability Inclusive
UG	Susan Glover	GOVT-130	Comparative Politics	12	Government	How different societies, both Western and non-Western, have approached the political problems of order and responsiveness. The relationships, in a cross-cultural perspective, between the individual and the state; social and economic processes; culture and behavior. Usually Offered: fall, spring, and summer.	Sustainability Inclusive
UG	Susan Glover	GOVT-231	Politics in Developing World	2	Government	Political order and change in selected countries in Africa, Latin America, and Asia, emphasizing nation building, ideology, development, and the role of the military.	Sustainability Inclusive
UG	Susan Glover	GOVT-235	Political Conflict	8	Government	This course examines theoretical perspectives on political change together with case studies of societies in which the status quo has broken down. Emphasis on the political, cultural, social, and psychological aspects of domestic crisis and revolution, with the objective of increasing awareness and appreciation of other nations and their struggles. AU Core Habits of Mind: AU Core Habits of Mind: Socio-Historical Inquiry. AU Core Integrative Requirement: Diversity and Equity. Usually Offered: fall, spring, and summer.	Sustainability Inclusive

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UG	Susan Glover	GOVT-335	Democratization: Theory/Pract	2	Government	An exploration of the causes and outcomes of the most recent wave of global democratization since the late twentieth century. After an initial focus on different conceptualizations of democracy, the course addresses the latest wave of democratization and compares it to earlier waves of these changes. The course considers changes in governing institutions which accompany democratic change, and whether such changes carry implications for the quality of governance of nations. Prospects for further global democratic consolidation are examined, as is the trend of reversion to authoritarian regimes. AU Core Habits of Mind: Socio-Historical Inquiry. Usually Offered: fall. Prerequisite: GOVT-130.	Sustainability Inclusive
UG	Susan Glover	GOVT-337	Authoritarianism in Modern Era	1	Government	This course introduces students to modern authoritarian types, from fascism to bureaucratic authoritarianism, to hybrid regimes that incorporate elements of democracy and autocracy. The course begins by examining theories of authoritarianism and then considers the myriad examples of states which did or still do hold to these systems of rule. Usually Offered: spring. Grading: A-F only. Prerequisite: GOVT-130.	Sustainability Inclusive
UG	N/A	GOVT-427	Government Regulation and Deregulation (3)	1	Government	The controversial role of government in regulating lifestyles and Business enterprises. Includes antitrust policy; health, safety, and environmental issues as well as social and moral questions; corporate, consumer, and special interest lobbying; effects of deregulation; and regulatory reform. AU Core Integrative Requirement: Capstone. Crosslist: GOVT-627. Usually Offered: spring. Restriction: minimum 2.5 GPA.	Sustainability Inclusive
UG	Elizabeth Fischer MArtin	GOVT-496	Selected Topics:Non-Recurring	3	Government	Topics vary by section. Repeatable for credit with different topic.	Sustainability Inclusive

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GR	N/A	GOVT-680	Comparative Environmental Politics: Climate Change (3)	1	Government	This course explores social science theories and debates surrounding climate change and related environmental issues such as the transition to renewable energy sources and the implications of increasing strains on natural resources such as water. Parting from social science frames for environmental problems, such as the tragedy of the commons within scholarly literature on the collective action problem, the course looks concretely at the implications of this model, and its recent challenges by other political science theories relating to interest group distributive conflict. Students study explanatory strengths and limitations of the social sciences in explaining climate change and related environmental problems. The course looks at international, national, and subnational interest groups and actors across a range of cases around the world and considers the role of individual behavior. While focusing mostly on mitigation and the effort to decarbonize national energy systems, students also spend time understanding adaptation issues and how those may be addressed in the social sciences.	Sustainability Inclusive
GR	Elizabeth Fischer MARTin	GOVT-696	Selected Topics:Non-Recurring	6	Government	Topics vary by section. Repeatable for credit with different topic.	Sustainability Inclusive
GR	Susan Glover	GOVT-795	Comp Politics Research Project	9	Government	This course consists of a semester-long student research project, culminating in an empirical paper. The student works with a faculty member of their choice to develop a research question, identify relevant empirical data, and conduct empirical analysis. The student and faculty member together determine meeting times, deadlines, and any other aspects of course design. The overall project assesses the student's mastery of relevant bodies of secondary literature, selection of cases and other elements of research design, and the quality of empirical analysis. Method and topic are open, but the research project is in conversation with significant debates in comparative politics. Grading: A-F only. Permission: department.	Sustainability Inclusive
UG	Michael RosengArt	HFIT-195	Princ & Tech's of Weight Train	5	Health studies	An overview of muscle anatomy, exercise physiology, and biomechanics as they apply to the development of muscle strength. Systems and principles of weight training. Practical experience in strength development through a progressive resistance program. Usually Offered: fall and spring.	Sustainability Focused

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UG	Michael RosengArt	HFIT-230	Cross Training	7	Health studies	Improvement of cardiovascular and muscular fitness through various aerobic activities. Students develop personal conditioning programs. Classroom discussions include diet theory, circuit training, flexibility, and specificity of exercise. Pre/post fitness assessment tests are administered. Usually Offered: fall and spring.	Sustainability Focused
UG	Anna Kaplan	HIST-328	Introduction to Public History	1	History	This course looks at how the scholarly study of History is translated for a wider audience and what it means to do History for, about, and with the public. Students study both theory and method by looking at the sites at which the public makes meaning from the past, as well as practice doing so themselves. Through an approach that combines case studies and best practices, guest speakers, site visits, and applied projects, students complete a survey of public History's forms and approaches and gain a good sense of public History as a mode of inquiry and as a professional field. Grading: A-F only.	Sustainability Inclusive
UG	Anna Kaplan	HIST-467	Oral History	1	History	This course presents the theory, practice, legal and ethical issues, and uses of oral History. Through field work, students gain interviewing, transcription, and analysis skills and studies the advantages and limitations of oral History as source material. Reading and case histories are drawn from modern U.S. History. Crosslist: HIST-667. Usually Offered: fall.	Sustainability Inclusive
UG	N/A	HIST-476	U.S. Environmental History (3)	1	History	Environmental History introduces nature, including plants, animals, climate, weather, and soil, as a central aspect of its analysis. This course examines the role nature plays in North America's History from the breakup of Pangaea to the rise of the American lawn. The course further explores how humans have reshaped the continent's ecosystems over time. Crosslist: HIST-676.	Sustainability Inclusive
GR	Anna Kaplan	HIST-667	Oral History	1	History	This course presents the theory, practice, legal and ethical issues, and uses of oral History. Through field work, students gain interviewing, transcription, and analysis skills and studies the advantages and limitations of oral History as source material. Reading and case histories are drawn from modern U.S. History. Crosslist: HIST-467. Usually Offered: fall.	Sustainability Inclusive

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GR	Anna Kaplan	HIST-729	Public History Seminar	1	History	With HIST-730, this course is pArt of a two course sequence introducing students to ideas, debates, and best practices in the field of public History. The course introduces students to the historical origins of public History, the historiography and major paradigms in the field, and to debates about the public role of historians. Usually Offered: fall.	Sustainability Inclusive
GR	Anna Kaplan	HIST-751	Graduate Research Seminar	5	History	Identification and development of research subjects; sources and their evaluation; research techniques and problems; and writing and argumentation. Students research and write substantial papers based largely on primary sources, with the aim of producing a paper suitable for submission to an academic journal or a professional conference. Usually Offered: spring. Repeatable for credit. Permission: instructor.	Sustainability Inclusive
UG	Jolynn Gardner	HLTH-110	Introduction to Public Health	7	Health studies	This introductory course explores the science behind public health and the role government plays to keep the population healthy. The determinants of health and disease are discussed along with interventions such as the healthcare system, public health system, laws, and taxation that address these public health issues. Usually Offered: fall.	Sustainability Inclusive
UG	Celeste Davis	HLTH-240	Intro to Health Promotion	5	Health studies	An introduction to the professional and academic field of health promotion and disease prevention. Epidemiological investigations of disease patterns and trends in the United States and health promotion efforts in various settings are explored. Emphasis is placed on the roles of lifestyles in determining health outcomes, social determinants of health, and effective strategies to help change health behavior. Usually Offered: fall.	Sustainability Inclusive
UG	Celeste Davis	HLTH-245	Multicultural Health	12	Health studies	This course examines the complex interaction between culture and health. Emphasis is placed on understanding cultural, social, and psychological determinants of health status, health-related behaviors, and health disparities. The effects of race, religion, social class, diet and lifestyle, gender roles, sexual orientation, acculturation, and migration on health behaviors and practices are explored. Students increase their own cultural humility and cultural competence through ongoing self-assessment, reflection, and discussion. AU Core Integrative Requirement: Diversity and Equity. Usually Offered: fall.	Sustainability Inclusive

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UG	Natasha Benitez	HLTH-250	Strategies in Stress Managemnt	12	Health studies	The nature and causes of stress, its effect on the human body, and both cognitive behavioral approaches as well as relaxation techniques to control it. The course offers a holistic approach to stress management through a combination of lecture and skill-building activities. Methods include deep breathing, mental imagery, progressive muscular relaxation, muscle massage, Art therapy, journal writing, value assessment and clarification, physical exercise, and meditation. Usually Offered: fall and spring.	Sustainability Inclusive
UG	Celeste Davis	HLTH-441	Health Communication	5	Health studies	This course explores the development and growing importance of communicating health messages to a variety of audiences. The course covers how to identify and plan for distinct forms of delivering health messages to consumers, professionals, and large groups through various communication methods and social marketing. The social-ecological model is used as a framework to address communication at various levels. Crosslist: HLTH-641. Prerequisite: HLTH-335.	Sustainability Inclusive
UG	David Vazquez	HNRS-050	Honors Supplement	47	Interdisciplinary	This course allows students to supplement an upper-level course so that it counts towards fulfillment of the AU Honors Colloquium requirement. Usually Offered: fall and spring. Repeatable. Grading: Pass/Fail only. Prerequisite: HNRS-395. Restriction: American University Honors Program or Honors in the Major. Permission: AU Honors Program.	Sustainability Focused
UG	Kara Kokernak	HNRS-098	Honors Capstone Supplement	37	Interdisciplinary	This course allows students to supplement a Capstone course so that it counts towards fulfillment of the AU Honors Capstone requirement. Usually Offered: fall and spring. Repeatable. Grading: Pass/Fail only. Prerequisite: HNRS-398. Restriction: American University Honors Program or Honors in the Major. Permission: AU Honors Program.	Sustainability Focused
UG	David Pike	HNRS-150	AU Honors Exper Learning	4	Interdisciplinary	In this multidisciplinary course students learn fundamental skills and tools of research while exploring the emerging issues and challenges in their field. The interactive course enhances understanding of the topics and issues in the AU Honors Complex Problems course though exploring research questions, assignments, and projects. Usually Offered: fall. Grading: Pass/Fail only. Restriction: American University Honors Program.	Sustainability Focused

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UG	David Pike	HNRS-151	AU Honors Research Experience	5	Interdisciplinary	Topics vary by section. This course provides students with the opportunity to work in small groups to conduct a guided research or creative project on an interdisciplinary subject. Students learn discipline specific research skills and present their completed projects at the AU Honors research symposium. Usually Offered: spring. Repeatable for credit with different topic. Grading: Pass/Fail only. Restriction: American University Honors Program.	Sustainability Inclusive
UG	David Pike	HNRS-194	Comm Service Learning Project	1	Interdisciplinary	Grading: Pass/Fail only. Permission: instructor and Center for Community Engagement & Service.	Sustainability Focused
UG	Daniel Fiorino	HNRS-398	Honors Challenge Course	20	Interdisciplinary	With the guidance of a faculty mentor, students participating in interdisciplinary teams examine a research question from multidisciplinary perspectives. Students put into practice learned skills in interdisciplinary thinking, collaboration, research, communication, and innovation. Students design and complete a presentation communicating their findings. Usually Offered: spring. Grading: Pass/Fail only. Prerequisite: HNRS-395. Restriction: American University Honors Program.	Sustainability Focused
UG	Ioanna Sakellion	HNRS-490	***** Varies by Student *****	1	Interdisciplinary	Permission: instructor and University Honors director.	Sustainability Inclusive
UG	Frank DuBois	IBUS-204	Multinatl Entr/Glbl Capitalism	1	Business	At the center of the evolution of the global economy is the Multinational Enterprise (MNE), a firm that conducts Business across national frontiers; its transactions can take many forms including the acquisition of raw materials, the sale and exchange of services such as consulting, transportation or insurance, and the outsourcing of final products and/or components and subassemblies among others. This course examines the evolution of the MNE from the seventeenth century to the present through case analysis and readings with particular emphasis on the challenges that MNEs pose to the future of the global economy and economic institutions. AU Core Habits of Mind: Socio-Historical Inquiry.	Sustainability Inclusive

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UG	Frank DuBois	IBUS-300	Fundamentals of Int'l Business	12	Business	<p>A survey course focusing on the nature and scope of global trade and investment, the role of multilateral institutions including the World Bank, International Monetary Fund (IMF), and World Trade Organization (WTO), the international monetary system and exchange markets, and differences in national cultures in providing in the environment in which trade and investment take place. The course additionally focuses on the impacts that this environment has on the operating decisions of multinational enterprises, especially with respect to the development of global strategies and their effect on Business functions such as management, marketing, finance, and operations. Prerequisite: completion of Written Communication and Information Literacy I requirement.</p>	Sustainability Inclusive
UG	Fabian Koss	IBUS-340	Sustainability & Global Strat	1	Business	<p>This course provides students with an advanced analysis of how and why corporations consider sustainability in their global strategy. First, the course analyses how social, economic, and environmental issues can have a major impact on Business, and why firms must consider the so-called triple bottom line (social, environmental, and financial) rather than just financial performance for long-term success. Second, how a sustainable approach to Business may enable firms to better manage a wide variety of external risks is discussed. For sustainable strategies to be effective, however, they must be core to the firm's Business. The strategies must be based on a company's core competencies so that the strategy is meaningful, targeted, and positively impacts firm performance and the social issues in question. Students apply what they have learned in a group project that is presented to the class.</p>	Sustainability Focused

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UG	David Bartlett	IBUS-350	Global Emerging Markets	2	Business	In this course students compare different country contexts in an effort to better understand why some countries are more competitive than others; gain an understanding of how the policies of governments and multilateral organizations can affect the level of economic development and attractiveness of the Business environment in a country; and begin to recognize the challenges and opportunities that Businesses face in emerging markets and how these challenges can be overcome. The class also examines the growing number of multinationals coming from emerging markets and how and where they are competing with firms from the United States, Western Europe, and Japan. Prerequisite: completion of 60 credit hours.	Sustainability Inclusive
GR	Jennifer Oetzel	IBUS-641	Social Sustainability Strategy	2	Business	Social sustainability, part of the triple bottom line along with economic and environmental sustainability, encompasses issues such as fair labor practices, community development, human rights, health care, social justice, and peacemaking, among others. This course exposes students to wide-ranging issues, from strategy formation to implementation; how these issues relate to Business practice; why Businesses should consider these issues in their strategic decision making; and how to begin to evaluate corporate social performance.	Sustainability Inclusive
GR	Ayman Omar	IBUS-687	Global Project Experience	1	Business	. Students learn project engagement tactics, project identification and scoping techniques, research modalities (e.g., benchmarking, forecasting), and appropriate delivery practices. The travel component includes company visits and structured meetings with Business executives and experts. Prerequisite/Concurrent: IBUS-618.	Sustainability Inclusive
GR	David Bartlett	IBUS-744	Int'l Dimen in Mgmt: Study Abroad	1	Business	Students develop a deeper understanding of the international dimension of management through a combination of class preparation and study abroad. Students play an active role in the design of the course, which varies according to the specific industry/country. The travel component includes company visits and structured meetings with Business executives and experts, and provides an important experiential element to the study of international Business environments. Permission: instructor or Kogod international program manager.	Sustainability Focused

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GR	Ayman Omar	IBUS-745	Global Supply Chain Mgmt	1	Business	This course introduces a set of approaches designed to efficiently integrate suppliers, manufacturers, warehouses, and stores so that merchandise is produced and distributed at the right quantities, to the right locations, and at the right time in order to minimize systemize costs while satisfying service level requirements. The course utilizes case studies and computer simulations to illustrate and reinforce effective supply chain management approaches in both global and domestic organizations.	Sustainability Focused
UG	N/A	ISCI-401	Communicating Science to the Public (3)	1	Communication	Science and medical writing requires grounding in a wide variety of disciplines and the ability to communicate with and through others. This course covers the fundamentals of science writing and communication, with an emphasis on overcoming the obstacles of effective science communication, as well as topics such as communicating risk, tailoring messages for children and other special populations, being persuasive, and constructing maximally effective messages for large lay audiences. Students gain an appreciation of how we generate, interpret, and work on information, as well as build skills necessary for successful careers in science/medical communication. AU Core Integrative Requirement: Written Communication and Information Literacy II. Crosslist: ISCI-601. Usually Offered: fall. Prerequisite: completion of Written Communication and Information Literacy I requirement.	Sustainability Inclusive
UG	Jason Kennedy	ITEC-200	Edge of Information Technology	12	Business	Students gain competency in a broad range of technologies used in the twenty-first century workplace through the use of hands-on learning. Includes an introduction to information systems applications used in planning, tracking, marketing, and management control, including spreadsheets, databases, and web-based tools. The course also provides the conceptual foundations in understanding technologies: computer platforms of hardware and software; networking; and security. Prerequisite: KSB-100 or completion of 12 credits.	Sustainability Inclusive

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UG	Ozden Cakici	ITEC-355	Operations Management	10	Business	<p>Operations management (OM) refers to the management of all activities and processes that transform inputs, such as materials, people, capital, and other resources, into outputs in the form of goods and services. This course introduces the basic elements of OM with applications in supply chains and services. The course covers capacity management and planning, process analysis and improvement, managing delays, inventory management, and quality management.</p> <p>Considerable emphasis is placed on use of operational data, quantitative models, and analytical tools to improve decision making in supply chain management and service operations. AU Core Integrative Requirement: Quantitative Literacy II. Prerequisite: ACCT-241, ECON-150 or ECON-200, ITEC-200, ITEC-320, and STAT-204.</p>	Sustainability Inclusive
UG	Gwanhoo Lee	ITEC-460	Business Intelligence	2	Business	<p>Top global companies regularly fail to make insightful decisions about significant patterns and changes in their Business environments and markets, even though the data related to these decisions is available.</p> <p>Business Intelligence (BI) connects data from multiple sources to produce meaningful information and identify patterns and trends to inform such decisions. BI encompasses the methodologies, metrics, processes, and information systems used to monitor and manage an enterprise's Business performance and support strategic decision-making. BI systems encompass a blend of technologies such as data warehousing, data mining, Business analytics, predictive statistics, online analytical processing, and visual data representations (e.g., dashboards, data cubes), which when put together, provide decision makers with the most powerful Business insights derived from multiple internal and external data sources. This course exposes students to the management practices, methodologies, and technologies that major corporations are applying in order to supply executives with the knowledge needed to succeed. The course includes readings, case studies, guest speakers, exposure to BI tools, and a data analytics project. Crosslist: ITEC-660. Prerequisite: ITEC-200; and STAT-202, STAT 203, or STAT-204.</p>	Sustainability Inclusive

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GR	Gwanhoo Lee	ITEC-660	Business Intelligence	7	Business	<p>Top global companies regularly fail to make insightful decisions about significant patterns and changes in their Business environments and markets, even though the data related to these decisions is available.</p> <p>Business Intelligence (BI) connects data from multiple sources to produce meaningful information and identify patterns and trends to inform such decisions. BI encompasses the methodologies, metrics, processes, and information systems used to monitor and manage an enterprise's Business performance and support strategic decision-making. BI systems encompass a blend of technologies such as data warehousing, data mining, Business analytics, predictive statistics, online analytical processing, and visual data representations (e.g., dashboards, data cubes), which when put together, provide decision makers with the most powerful Business insights derived from multiple internal and external data sources. This course exposes students to the management practices, methodologies, and technologies that major corporations are applying in order to supply executives with the knowledge needed to succeed. The course includes readings, case studies, guest speakers, exposure to BI tools, and a data analytics project. Crosslist: ITEC-460. Prerequisite: ITEC-610.</p>	Sustainability Inclusive
UG	Brad BArtholomew	JLC-103	Critical Issues in Justice	12	Justice, law, and criminology	<p>Political, legal, economic, and social problems of justice emphasizing crime, deviance, and other conduct resulting in such socially disapproved labels as mentally ill, delinquent, and criminal. Moral and theoretical issues involved and mechanisms for remedying injustice and controlling socially disapproved behavior. Usually Offered: fall and spring.</p>	Sustainability Inclusive
UG	Richard Bennett	JLC-104	Intro to Systems of Justice	13	Justice, law, and criminology	<p>An overview of the formal mechanisms of social control as manifested by the components of the criminal justice system (legislatures, planning agencies, law enforcement, courts, and corrections), civil justice systems, and such other mechanisms as civil commitment. Alternatives to formal processing including diversion, pretrial screening and dispute-settlement programs. Usually Offered: fall and spring.</p>	Sustainability Inclusive
UG	Brad BArtholomew	JLC-205	Introduction to Criminology	12	Justice, law, and criminology	<p>Development of theories of criminology and criminal justice over the course of History with special attention to the period from 1700 to the present. Review and evaluation of contemporary knowledge and theories of crime. Usually Offered: fall, spring, and summer.</p>	Sustainability Inclusive

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UG	Matthew D'Anna	JLC-245	Cities and Crime	1	Justice, law, and criminology	#N/A	Sustainability Inclusive
UG	Joseph Young	JLC-470	Causes of Terrorism & Pol Viol	3	Justice, law, and criminology	This course introduces students to the study of terrorism as a political act. The course examines the difference between state and oppositional terror, but focuses on terror by non-state actors. The course discusses theories that explain why, how, and when the opposition uses terror tactics to pursue their goal. AU Core Integrative Requirement: Capstone. Crosslist: JLC-670. Grading: A-F only.	Sustainability Inclusive
UG	Joseph Young	JLC-490	***** Varies by Student *****	15	Justice, law, and criminology	Permission: instructor and department chair.	Sustainability Inclusive
GR	Joseph Young	JLC-670	Causes of Terrorism & Pol Viol	8	Justice, law, and criminology	This course introduces students to the study of terrorism as a political act. The course examines the difference between state and oppositional terror, but focuses on terror by non-state actors. The course discusses theories that explain why, how, and when the opposition uses terror tactics to pursue their goal. Crosslist: JLC-470. Usually Offered: fall. Grading: A-F only.	Sustainability Inclusive
GR	Joseph Young	JLC-674	Domestic Terrorism/Pol Viol	6	Justice, law, and criminology	This course investigates the causes and consequences of domestic terrorism and political violence. The course incorporates insights from psychology, political science, economics, History, and other disciplines to attempt to understand the motivation, goals, and propensity for violence of these groups and individuals. Crosslist: JLC-474. Usually Offered: spring. Grading: A-F only.	Sustainability Inclusive
GR	Maria Latimer	JLC-689	Counterterrorism Law & Policy	6	Justice, law, and criminology	This course provides an overview, discussion, and assessment of the legal and policy constructs used by the United States to combat terrorism. The course begins with a discussion of the legal and policy principles that inform decisions made by the executive and legislative branches of the U.S. government to respond to terrorists and terrorism. Students then apply those laws and policies to various debates on use of force, detention, and treatment of detainees. Usually Offered: fall and spring. Grading: A-F only. Restriction: Counter-Terrorism and Homeland Security (MS).	Sustainability Inclusive
GR	Joseph Young	JLC-790	***** Varies by Student *****	3	Justice, law, and criminology	Permission: instructor and department chair.	Sustainability Inclusive

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GR	Joseph Young	JLC-898	Doctoral Continuing Enrollment	8	Justice, law, and criminology	May be taken by doctoral students completing coursework, exams or proposals in preparation for advancement to candidacy. May be taken with or without regular coursework. Tuition is assessed at the 1 credit rate. Academic load will be determined by total enrolled credits for the semester. Repeatable once for credit. Grading: SP/UP only. Restriction: Justice, Law and Criminology (PhD). Permission: program director.	Sustainability Inclusive
GR	Joseph Young	JLC-899	Doctoral Dissertation	10	Justice, law, and criminology	May be taken by doctoral students who are advanced to candidacy with the approval of the faculty supervising the dissertation (or designee). It is a 9 credit course, but tuition is assessed at the 1 credit rate. The course is graded SP/UP and students will be deemed full-time. The Office of the Registrar must be notified when a student has advanced to candidacy. Grading: SP/UP only. Restriction: doctoral students who have advanced to candidacy. Permission: program director.	Sustainability Inclusive
UG	Yun Jang	KOR-102	Korean Elementary I	5	World Language and Culture	Designed for students with no prior experience with Korean, this course focuses on the acquisition of basic vocabulary and grammatical structures in culturally authentic contexts through speaking, reading, writing, and listening comprehension. Usually Offered: fall.	Sustainability Inclusive
UG	Casey Evans	KSB-100	Business 1.0	13	Business	Business is an exciting and dynamic environment. This course is the initial step in becoming a student of Business. It provides a broad introduction which enables students to gain an appreciation of the complex nature of Business and a sense of what is required to operate a successful Business. In this course students learn what a Business is, how it operates, and why. They learn how Business impacts society and the effect society has on Business. Students gain an understanding of the various entities that influence Business, such as the economy, customers, suppliers, the government, and the global community, and discover the interrelated tasks and operations that must occur for a Business to be successful. Note: Fall enrollment open only to first-year students; spring enrollment open only to first-year students or sophomores.	Sustainability Inclusive

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GR	David Bartlett	KSB-640	Strategy in the Global Economy (October-December 2022 Semester)	2	Business	As the capstone of the International Relations and Business (MS), this course focuses on applications of the skills, tools, and methodologies students have acquired in the program: global strategy, international finance, multinational operations, intercultural communications, foreign trade and investment, international marketing, global governance. Through project-based work, students address the critical challenges and opportunities facing Business managers in key global industries across multiple regions. In this way, the course strengthens students' capacity to navigate ongoing shifts in the global economic, social, technological, and geopolitical environment.	Sustainability Inclusive
GR	David Hunter	LAW 618	International Environmental Law	1	Justice, law, and criminology	This course explores the economic, political, and legal concepts relevant to international efforts to promote environmental protection. After laying a foundation in the nature of international law, institutions and the challenges of sustainable development, the course addresses concrete regimes designed to deal with specific international environmental problems, such as ozone depletion, marine pollution, fisheries depletion, biodiversity loss and, of course, climate change, among others. The course focuses principally on the dynamic of treaties, negotiations, and state and non-state actors on the international plane, with discussion of the interplay between domestic legislation and international protection efforts.	Sustainability Inclusive
GR	Barry Breen	LAW 629	Environmental Law	1	Environmental Science	The course gives an overview of U.S. environmental law, including environmental planning statutes such as the National Environmental Policy Act and Endangered Species Act, environmental product regulation statutes such as the Safe Drinking Water Act, pollution abatement statutes such as the Clean Air Act and Clean Water Act, and cleanup statutes such as Superfund. Domestic U.S. federal environmental statutes are the particular focus.	Sustainability Inclusive
GR	Walter Effross	LAW 629	Environmental, Social & Governance Law & Drafting	1	Environmental Science	This course, quite possibly the first of its kind to be offered by any law school, focuses on developing practical legal drafting techniques and applications in the context of ESG (Environmental, Social, and Governance) law, one of today's most exciting, fast-moving, far-reaching, and personally and professionally fulfilling areas of practice.	Sustainability Inclusive

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GR	Barry Breen	LAW 629	Environmental Law	1	Justice, law, and criminology	The course gives an overview of U.S. environmental law, including environmental planning statutes such as the National Environmental Policy Act and Endangered Species Act, environmental product regulation statutes such as the Safe Drinking Water Act, pollution abatement statutes such as the Clean Air Act and Clean Water Act, and cleanup statutes such as Superfund. Domestic U.S. federal environmental statutes are the particular focus.	Sustainability Inclusive
GR	Barry Breen	LAW 630	Energy Law	1	Environmental Science	The course gives an overview of U.S. environmental law, including environmental planning statutes such as the National Environmental Policy Act and Endangered Species Act, environmental product regulation statutes such as the Safe Drinking Water Act, pollution abatement statutes such as the Clean Air Act and Clean Water Act, and cleanup statutes such as Superfund. Domestic U.S. federal environmental statutes are the particular focus.	Sustainability Inclusive
GR	Ezra Rosser	LAW 641	Federal Indian Law	1	Justice, law, and criminology	This course explores the principles, doctrines, and history underlying the legal relationship between the United States and Indian tribes; the powers of tribal governments; economic development in Indian country; the role of tribal custom in tribal law; the relevance of developing international indigenous law to Indian nations; and introduces some of the ongoing debates in Indian legal scholarship.	Sustainability Inclusive
GR	William Snape	LAW 686	Federal Public Lands & Natural Resources	1	Justice, law, and criminology	This course examines all of the major legal sources and authority for ownership and management of the U.S. public land system, which includes national parks, national forests, national wildlife refuges, offshore coastal areas, defense lands and others. Given that roughly one-third of the United States is owned by the federal government, the use and stewardship of these lands and waters raise important and unique policy questions pertaining to wildlife and natural resource conservation, oil and gas drilling, mineral and timber extraction, recreation and tourism, various forms of public access and relationships with other federal and state laws. Today's political climate makes these legal issues both timely and poignant.	Sustainability Inclusive

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GR	TBA	LAW 721	Law of the Sea	1	Justice, law, and criminology	<p>The “Law of the Sea” formed the foundation of modern public international law. It also represents the world’s first efforts to define and regulate a “global commons” and to grapple with the notion of territory or resources managed by the international community as the “common heritage of mankind”. Beginning with its roots in the customary law of nations of early modern Europe, the course will trace the evolution of twenty-first century law of the sea through its partial codification in an assortment of multilateral agreements - including the United Nations’ Convention on Law of the Sea (“LOS Convention” or “UNCLOS”). Topics explored include freedom of navigation on the high seas, the limits on port-state jurisdiction over foreign vessels, the obligations of flag-states in maintaining their registries of vessels, and the scope of coastal nations’ power to regulate activities in their respective territorial waters, “contiguous zones”, and “exclusive economic zones”. The course also examines through case-studies how the UNCLOS regime functions in tandem with various other multilateral agreements, customary international law, and domestic law in addressing specific current issues, including management of living and nonliving resources on the Continental Shelf, suppression of piracy, reduction of pollution, preservation of underwater cultural heritage, and protection of highly migratory fish stocks.</p>	Sustainability Inclusive
GR	William Snape	LAW 791	Animal and Wildlife Law	1	Justice, law, and criminology	<p>Animal law and wildlife law are unique in that they focus on how the law applies to living beings other than humans. Animal welfare, pet trusts, veterinary malpractice, endangered species, divorce pet custody disputes, the animal cruelty/violence against humans link, and animal legal standing are but a few of the issues that will be discussed as we examine legal issues from constitutional law to torts to contracts to wills and trusts, and much more. This is not a course in animal rights, but rather an in-depth survey of a burgeoning and dynamic field of law, of which animal rights are but a part.</p>	Sustainability Inclusive

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GR	Heather Hughes	LAW 795	Critical Perspectives on Environmental, Social, and Corporate Governance	1	Justice, law, and criminology	<p>This course examines the role of the corporation in society and the rise of “ESG”—environmental, social, and corporate governance—as a framework for corporate legitimacy. The course will explore how business laws (including entity, commercial, and securities laws) interact with ESG narratives and compliance regimes. This course considers the ethical obligations of lawyers representing business entities, how emerging technologies are affecting ESG and compliance, diversity initiatives for corporate governance, and the challenge of managing environmental impacts of business activity. Students will engage with guest lecturers with ESG expertise working in varied academic areas and professional capacities. Students will develop papers on a topic of their choosing, consistent with the general subject matter of the course.</p>	Sustainability Inclusive
GR	Danielle Vogel	LAW 795	Sustainable Food Systems Law	1	Justice, law, and criminology	<p>This course explores the federal laws, regulations, and programs affecting our food system, and accordingly, our food choices. Making mindful food choices is perhaps the single most impactful thing we can do to minimize our personal carbon footprint, but for many, the system is rigged and choice is a fallacy. Additionally, we will discuss the critical intersection between food policy and climate change. We will deconstruct the recent history and present state of climate policy progress in the US Congress, and we will debate the efficacy of available levers for affecting change.</p>	sustainability focused

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GR	Claudia DeWindt	LAW 795	Human Rights & the Environment	1	Justice, law, and criminology	<p>The intersection of human rights and the environment is a topical and fast evolving field, and an important framework for legal advocacy, education, activism and corporate responsibility. Human rights and environment are separate, but closely linked fields as a matter of substantive rights, a healthy environment and as Second, as a matter a procedural right, which provide the means for the guarantee of environmental rights. These categories of rights combined in environmental rights, recognize the inextricable nature of both the protection of, and harm to, human beings, communities, and the planet. Despite environmental rights having grown more rapidly than any other human right, almost 50 years of the ground-breaking collective recognition of the right to a healthy environment environmental conditions are far from exemplary and weekly many lives are threatened and lost protecting these rights. This course will examine trends, legal issues; and practical application through the examination of global legal developments and practice within various jurisdictions and mechanisms. In particular, the seminar will explore the challenges in integration of environmental considerations into economic processes and the ways in which corporate activities are often connected to environmental rights abuses. Students will examine the linkages between the two fields and emerge from this course with a coherent global perspective of trends and strategies.</p>	Sustainability Inclusive
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GR	Addie Haughey, Elizabeth Lewis	LAW 795	Environmental Law Practicum	1	Justice, law, and criminology	<p>The course provides students with practical lawyering experience inside and outside the classroom. Each student will work on an individualized research project via a firm or NGO to work on outside of class. Projects vary in scope and content depending on student interest and the needs of the partnering organization. Past project topics have included animal welfare, climate litigation, renewable energy, environmental justice, and water regulation. Students will also learn lawyering skills via an in-class litigation skills component (e.g., drafting complaints and interrogatories, conducting depositions). The Practicum will fulfill 3 of the 6 “Professional Skills Requirement” credit hours needed to graduate.</p> <p>Sample Syllabus.</p>	Sustainability Inclusive
GR	Ben Nussdorf	LAW 795	Renewable Energy	1	Justice, law, and criminology	<p>This seminar will provide an overview of renewable energy law, focusing on wind energy, solar energy, grid management, and emerging technology. Covered topics will include cases which touch and concern the policy and development of renewable energy at the utility scale, as well as lower capacity distributed generation. The course will look at state laws, federal laws, environmental regulation, land use, leasing, and emerging interconnection issues with respect to renewable energy law. The goal of the course will be to prepare students for professional opportunities in renewable energy, and to familiarize students with relevant and significant legal issues in renewable energy law.</p>	Sustainability Inclusive

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GR	David Hunter	LAW 813	International Business & the Environment	1	Business	This course presents different approaches for protecting the environment through national environmental legislation. Emphasis is given to the major components of any modern environmental legal system, including, for example, environmental impact assessment, access to environmental information, science-based environmental standards, and implementation of international agreements including Agenda 21. The approach will be practical, designed to emphasize the policy trade-offs inherent in designing and implementing environmental law and policy. Will draw upon examples from civil and common law systems as well as from developing and industrialized countries.	Sustainability Inclusive
GR	William Snape	LAW 813	Climate Change & the Law	1	Justice, law, and criminology	This interdisciplinary course examines the most important environmental issue of our day. It focuses on the science of climate change, the U.S. domestic response, and international efforts to curb greenhouse pollution. The class will also include various simulations, including multilateral negotiations and federal moot courts. Finally, the course will consider whether and to what extent global warming represents a threat to our current social fabric, and will analyze potential solutions or mitigation devices available to lawyers and other policy-makers.	Sustainability Inclusive
GR	David Hunter	LAW 813	Comparative Environmental Law	1	Justice, law, and criminology	This course will examine different approaches for protecting the environment through national environmental legislation. Emphasis is given to the major components of any modern environmental legal system, including, for example, environmental impact assessment, and access to environmental information, science-based environmental standards, and implementation of international agreements including Agenda 21. The approach will be practical, designed to emphasize the policy trade-offs inherent in designing and implementing environmental law and policy. Further, it will cover examples from civil and common-law systems as well as from developing and industrialized countries.	Sustainability Inclusive

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GR	David Hunter	LAW-617	International Business & Environment	1	Interdisciplinary	Examines the international aspects of U.S. environmental law. The intersection of U.S. and international environmental law has expanded dramatically in recent years with U.S. participation in a growing number of international environmental agreements and the ongoing integration of the world economy. The course emphasizes the practical aspects of counseling clients in this emerging area of law. Topics include the extraterritorial reach of U.S. environmental laws; international environmental litigation in U.S. courts; the implementation of environmental treaties; U.S. and international controls on the transboundary shipment of chemicals and hazardous waste; trade and the environment; and the environmental guidelines of the World Bank, Export-Import Bank, and the Overseas Private Investment Corporation.	Sustainability Inclusive
GR	David Hunter	LAW-618	International Environmental Law (Spring 2023)	1	Justice, law, and criminology	A contemporary perspective on international environmental law focusing on specific environmental threats and the most recent manifestations of the law. The course will include case studies of actual investigations such as global warming and sea level rise; export and import of hazardous waste; the problem of ghost driftnets abandoned in the global commons of our marine environment; the endangered African elephant; continued whaling by Japan and Iceland; and the protection of the aboriginal Penan Tribe in Malaysia. Recent manifestations of international environmental law include the Declaration of The Hague and the proposal for a new organization to be known as GLOBE. Attention also will be given to the considerable body of environmental law in the European Community, the general foundations of international law, and the relationship to human rights law and international trade law.	Sustainability Inclusive
GR	Barry Breen	LAW-629	Environmental Law	1	Justice, law, and criminology	An overview of environmental law with particular emphasis on the administrative law background; the National Environmental Policy Act of 1969, as amended; the governance of public lands; and air and water pollution control.	Sustainability Inclusive

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GR	Padideh Ala'I	LAW-657	International Trade Law I	1	Justice, law, and criminology	<p>This course analyzes the U.S. and multilateral legal regime (WTO) for regulating international trade in goods, services and intellectual property. The course begins with a brief introduction of international trade theory. It then examines the U.S. constitutional aspects of international economic relations and the legal structure of the WTO and the General Agreement on Tariffs and Trade (GATT). It next analyzes specific aspects of international trade regulation, including tariffs, quotas, and non-tariff barriers; the most-favored-nation obligation; free trade areas and customs unions; national treatment obligation; trade and environmental policies; escape clauses, safeguards; and adjustment policies; dumping; subsidies and countervailing duties; and U.S. retaliation against unfair trade practices.</p>	Sustainability Inclusive
GR	Danielle Vogel	LAW-795	Sustainable Food Systems Law	1	Justice, law, and criminology	<p>Making mindful food choices is perhaps the single most impactful thing we can do to minimize our personal carbon footprint, but for many, the system is rigged and choice is a fallacy. This course will explore the federal laws, regulations and programs impacting our food system, and accordingly, our food choices. Additionally, the course will discuss the critical intersection between food policy and climate change. We will deconstruct the recent History and the present state of climate policy progress in the US Congress, and we will debate the efficacy of available levers for affecting change. Specifically, the course will examine: The local and national food chain responses to COVID-19; USDA and the Farm Bill, the WIC, SNAP and School Lunch Programs; Food labeling, production, distribution and retailing; Genetically Modified Organisms (GMOs) and Big Ag; Trade policy, as it relates to the modern food movement; The Clean Air Act and the Clean Water Act; And the current state of play with regard to climate legislation.</p>	Sustainability Focused

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GR	Susana Sacouto	LAW-850	International Criminal Law	1	Justice, law, and criminology	Surveys both substantive and procedural aspects of international and transnational criminal law. Examines historical origins as well as contemporary trends in the development of international crimes. Identifies the elements of major offenses including piracy, slavery, drug trafficking, terrorism, war crimes, environmental pollution, money laundering, genocide, and aircraft hijacking and explores the incorporation of international criminal law in domestic codes. Students examine the jurisdictional and enforcement responsibilities of international, transnational, and national agencies and tribunals. An overview of international and national enforcement mechanisms and techniques and of the procedures affecting the rights of offenders and victims is included.	Sustainability Inclusive
GR	William Snape III	LAW-851	Climate Change & the Law	1	Justice, law, and criminology	Examines one of the most critical air and atmospheric issues of our time: global warming or climate change. Related areas, such as transboundary air pollution and ozone depletion, are also studied.	Sustainability Focused
UG	Melissa Scholes Young	LIT-107	Creative Writing Across Genres	14	Literature	This course guides students into the world of creative communication through generative writing assignments, in-class critiques, writing workshops, and writerly appreciation of literary texts. Students explore multiple genres of writing including fiction, creative nonfiction, and poetry, in preparation for upper-level creative writing workshops. AU Core Habits of Mind: Creative-Aesthetic Inquiry. Usually Offered: fall and spring.	Sustainability Inclusive
UG	David Vazquez	LIT-121	Rethinking Literature	9	Literature	Topics vary by section. The course focuses on a compelling idea or area of inquiry rendered in literature. Students interrogate a range of literary and cultural texts in order to deepen their understanding of the literary endeavor. Rotating topics include poetry and the world, desire and identity, human nature after Darwin, the culture of detective fiction, etc. AU Core Habits of Mind: Creative-Aesthetic Inquiry. Usually Offered: fall, spring, and summer. Repeatable for credit with different topic.	Sustainability Inclusive
UG	Chloe Miller	LIT-215	Writers in Print/Person	6	Literature	Offers students the opportunity to study works by contemporary authors and then to continue their exploration of these works in meetings with the writers. Features locally and nationally prominent writers, including American University writing faculty. AU Core Habits of Mind: Creative-Aesthetic Inquiry. Usually Offered: fall and spring.	Sustainability Inclusive

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UG	David Pike	LIT-246	Cinema & the Twentieth Century	1	Literature	This course is a historical study of cinema as an Art form through the twentieth century, covering major cinematic developments in aesthetic, technological, and cultural terms. Films are examined both as individual texts and within their historical and cultural contexts. AU Core Habits of Mind: Socio-Historical Inquiry. Usually Offered: spring.	Sustainability Inclusive
UG	Amanda Berry	LIT-262	Literature & the Ethical Life	1	Literature	Literature and the Ethical Life (3) Ethical reasoning forces us to ask questions about how one should live, act, and proceed given the complexities of daily life and given the competing ethical frameworks in our History books, literary canon, and contemporary archive of texts and images. This course focuses on the tools that writers and readers of literature bring to ethical debates and problems of the past and present. The premise of the course is that literary study is one way of giving students the skills to identify these ethical problems and to construct the questions necessary for an ethical life, however that might be defined. Ethics asks us to think about higher or deeper meanings and to push past primarily self-serving modes of action, but this course investigates what, precisely, these deeper principles are and the types of ethical tools and frameworks literature has to offer. Students read essays that posit the different ways literature can teach ethics and open space for "the other" while examining the ways that the practice of reading can itself be an ethical activity. AU Core Habits of Mind: Ethical Reasoning. Usually Offered: fall and spring.	Sustainability Inclusive
UG	David Vazquez	LIT-281	Power, Discourse & Pop Culture	7	Literature	This course teaches students how to critically read popular texts and discourse. It examines cultural productions (e.g., novels, films, plays, television shows, social media, etc.) as well as a number of theoretical essays in order to investigate how different media forms impact systems of representation through which we understand power, identity, collectivity, and political agency. AU Core Habits of Mind: Cultural Inquiry. Usually Offered: spring.	Sustainability Focused
UG	Amanda Berry	LIT-281	Power, Discourse & Pop Culture	4	Literature	This course teaches students how to critically read popular texts and discourse. It examines cultural productions (e.g., novels, films, plays, television shows, social media, etc.) as well as a number of theoretical essays in order to investigate how different media forms impact systems of representation through which we understand power, identity, collectivity, and political agency. AU Core Habits of Mind: Cultural Inquiry. Usually Offered: spring.	Sustainability Inclusive

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UG	David Vazquez	LIT-285	Intro to Latina/o/x Studies	2	Literature	Latinxs (people with roots in Latin America) have lived and worked in what is now the United States for at least 400 years. This course examines cultural productions and critical texts that consider structural inequality as it affects Latinx peoples in the U.S. Through reading a series of case studies, including novels, essays, and films, and other creative media, students consider how diverse Latinx communities resist racialization and imagine more socially just futures. AU Core Integrative Requirement: Diversity and Equity. Crosslist: LTST-200.	Sustainability Inclusive
UG	Melissa Scholes Young	LIT-411	Literary Editing & Publishing	2	Literature	The first literary magazine, <i>Nouvelles de la Republique des Lettres</i> , was established in 1684. The oldest literary journal, <i>North American Review</i> , has been published since 1815. Literary journals have endured as they continue to adapt to new technologies; they are often first to discover and publish tomorrow's literary voices. This course explores the many paths of literary editing and publishing with an eye to the past, the changing present, and the future of digital and print mediums. The course grounds students in the theories and approaches of editing and publishing to provide a foundational body of knowledge from which to develop their own creative and academic writing. Students study rhetorical situations, genres, and modes in the technical, creative, and academic realms, with particular attention to digital rhetoric, information literacy, and cultural studies. Crosslist: LIT-611. Usually Offered: alternate springs (even years).	Sustainability Inclusive
UG	David Pike	LIT-446	Advanced Studies in Film	2	Literature	Topics vary by section. Rotating topics include film and literature, national cinema, film genres, major filmmakers, and independent filmmakers, with emphasis on research. Crosslist: LIT-646. Usually Offered: fall and spring. Repeatable for credit with different topic.	Sustainability Inclusive

American University Sustainability Courses AY2022-23

GR	Melissa Scholes Young	LIT-611	Literary Editing & Publishing	2	Literature	The first literary magazine, <i>Nouvelles de la Republique des Lettres</i> , was established in 1684. The oldest literary journal, <i>North American Review</i> , has been published since 1815. Literary journals have endured as they continue to adapt to new technologies; they are often first to discover and publish tomorrow's literary voices. This course explores the many paths of literary editing and publishing with an eye to the past, the changing present, and the future of digital and print mediums. The course grounds students in the theories and approaches of editing and publishing to provide a foundational body of knowledge from which to develop their own creative and academic writing. Students study rhetorical situations, genres, and modes in the technical, creative, and academic realms, with particular attention to digital rhetoric, information literacy, and cultural studies. Crosslist: LIT-411. Usually Offered: alternate springs (even years).	Sustainability Inclusive
GR	David Pike	LIT-646	Advanced Studies in Film	2	Literature	Topics vary by section. Rotating topics include film and literature, national cinema, film genres, major filmmakers, and independent filmmakers, with emphasis on research. Crosslist: LIT-446. Usually Offered: fall and spring. Repeatable for credit with different topic.	Sustainability Inclusive
GR	David Pike	LIT-656	Advanced Studies in Form	1	Literature	Topics vary by section. The study of form--the ordered ways in which something is put together--is crucial to any understanding of a text, a genre, or a medium. Understanding how form functions in different texts, genres, media, technologies, and social practices requires a wide and diverse range of critical tools. This course provides students with these tools through rotating topics of a specific form, such as poetry, the novel, drama, and cinema, or of a variety of literary and nonliterary forms (video games, podcasts, television, etc.). Repeatable for credit with different topic.	Sustainability Inclusive
UG	David Vazquez	LTST-200	Intro to Latina/o/x Studies	2	Literature	Latinxs (people with roots in Latin America) have lived and worked in what is now the United States for at least 400 years. This course examines cultural productions and critical texts that consider structural inequality as it affects Latinx peoples in the U.S. Through reading a series of case studies, including novels, essays, and films, and other creative media, students consider how diverse Latinx communities resist racialization and imagine more socially just futures. AU Core Integrative Requirement: Diversity and Equity. Crosslist: LIT-285.	Sustainability Inclusive

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UG	David Vazquez	LTST-350	Topics in Latina/o/x Studies	2	Literature	Topics vary by section. Rotating topics provide case studies in Latina/o/x Studies, examining racial dynamics, identities, histories, social or political movements, cultural expressions, and needs of Latinx populations historically and today. Repeatable for credit with different topic.	Sustainability Inclusive
UG	David Vazquez	LTST-491	Internship Latina/o/x Studies	2	Literature	Permission: instructor and program director.	Sustainability Inclusive
UG	N/A	MCMT-442	Sustainable Products and Purchasing (3)	1	Business	Sustainability is now a significant Business driver, posing new challenges to Businesses and offering opportunities for innovation. Regulatory-induced and voluntary management initiatives are stimulating improvements across the entire product lifecycle, from design through the supply chain to end users, and the creation of new markets for end of life materials. This course provides students with an understanding of how sustainability efforts impact product design, marketing, procurement, and overall products life cycle management. The course also examines the impacts of these changes on daily life and society. Crosslist: MGMT-642. Grading: A-F only. Prerequisite: MKTG-300.	sustainability focused
UG	David Jacobs	MGMT-205	Business Ethics	12	Business	This course enables students to identify, critically evaluate, and respond creatively to the ethical dilemmas confronting Business, whether as an employee, consumer, supplier, investor, government representative, media reporter, NGO, or other stakeholder. Through readings, lectures, case studies, and class discussions, students learn how to approach ethical questions about Business decision making and behavior. AU Core Habits of Mind: Ethical Reasoning.	Sustainability Focused
UG	David Bartlett	MGMT-230	Global Sustainability	1	Business	This course provides an interdisciplinary view of how public and private actors are responding to the challenges and opportunities of global sustainability. The course focuses on the role of sustainability in the competitive strategies of global Businesses, the impact of technological shifts in international corporate approaches to sustainability, and the rising importance of sustainability in the private-public agenda. Usually Offered: fall and spring. Grading: A-F only.	Sustainability Focused

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UG	Hayley Blunden	MGMT-353	Mgmt & Organizational Behavior	12	Business	Current management and organizational behavior practice and research. This course provides a broad framework and skills for managers in a variety of contexts, including organizational goals and responsibilities; models; decision theory; planning; control; motivation; leadership; group behavior; team skills intensive; conflict; and organizational change. AU Core Integrative Requirement: Diversity and Equity. Prerequisite: completion of 45 credit hours.	Sustainability Inclusive
UG	Stephanie Potter	MGMT-417	Sustainability Systems and Innovation	1	Business	This course allows students to develop a critical understanding of market/non-market challenges and opportunities that relate to the concept of global sustainability across three primary tracks: Business, science, and policy. Using a sustainability systems lens, the course provides a foundational background that focuses on the major actors, interests, and challenges in sustainability and their interplay with innovation, and related legal and regulatory principles.	Sustainability Focused
UG	N/A	MGMT-443	Water, Energy and Sustainable Enterprise (3)	1	Business	This course explores the social, political, economic, and Business aspects of water; the nexus between water and energy; and the impact of these forces on enterprise. Through case studies, group projects, technology tours, and meetings with government and Business leaders, students learn about global water challenges and develop strategic frameworks for addressing them. Topics include water reuse and sustainability, water policy, corporate responsibilities and strategies for investing in the water sector. Crosslist: MGMT-643. Grading: A-F only. Prerequisite: junior standing.	Sustainability Inclusive
UG	David Bartlett	MGMT-444	Managing for Climate Change	1	Business	Climate change is a dominant factor driving organizations to integrate sustainability into their planning and operations. This course covers the topics that prepare sustainability executives, sustainability consultants, and sustainability employee team members to reduce a large organization's carbon footprint, including greenhouse gas inventories, climate planning, conservation and efficiency, onsite and commercial scale renewable energy, carbon offsets, and climate reporting. Crosslist: MGMT-644. Grading: A-F Only. Prerequisite: junior standing.	Sustainability Inclusive

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UG	Anna Fung	MGMT-458	Strategic Management	11	Business	This capstone course enables students to integrate and synthesize knowledge acquired in functional areas of Business and simulate management experiences. Methods employed for simulating a management environment include case studies, computerized management problems, and semester-long projects working on unstructured organizational problems. AU Core Integrative Requirement: Capstone. Prerequisite: ACCT-241, FIN-365, IBUS-300, MGMT-353, and MKTG-300. Prerequisite/Concurrent: ITEC-355.	Sustainability Inclusive
UG	David Bartlett	MGMT-484	Consulting & Project Mgmt	1	Business	This course provides critical skills for consulting and project management in Business, government, and other organizations. It covers all dimensions of successful management consulting projects, developing and managing client relationships, project definition, building a project team, planning, analytical tools and risk analysis, project politics and communication, and managing ongoing projects. Prerequisite: MGMT-353.	Sustainability Inclusive
GR	Stephanie Potter	MGMT-617	Sustainability Systems and Innovation	1	Business	This course allows students to develop a critical understanding of market/non-market challenges and opportunities that relate to the concept of global sustainability across three primary tracks: Business, science, and policy. Using a sustainability systems lens, the course provides a foundational background that focuses on the major actors, interests, and challenges in sustainability and their interplay with innovation, and related legal and regulatory principles.	Sustainability Focused
GR	David Bartlett	MGMT-644	Managing for Climate Change	1	Business	Climate change is a dominant factor driving organizations to integrate sustainability into their planning and operations. This course covers the topics that prepare sustainability executives, sustainability consultants, and sustainability employee team members to reduce a large organization's carbon footprint, including greenhouse gas inventories, climate planning, conservation and efficiency, onsite and commercial scale renewable energy, carbon offsets, and climate reporting. Crosslist: MGMT-444. Grading: A-F Only.	Sustainability Focused

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GR	Norris Krueger	MGMT-696-001	- Society Impact Entrepreneurship/Innovation (July-September 2022)	1	Business	Social Impact Entrepreneurship, and Innovation (3) Entrepreneurial skills and passion can be powerful levers for addressing complex issues raised by global challenges such as sustainability. Social impact ventures, both nonprofit and for-profit, have become dynamic change agents for society. In this course students explore how to harness the mindset, skills, and tools of an entrepreneur to support social innovation in a global context. The course examines the ecosystem, the broader context in which social impact ventures operate. Students develop a deep understanding of stakeholder engagement, policy issues, and how to create and assess impact. Students have the opportunity to connect with leaders in this sector, both on campus and around the world. The course emphasizes student-led, student-designed entrepreneurial projects to create social impact.	Sustainability Inclusive
GR	David Bartlett	MGMT-720	Applied Sustainability Mgmt	1	Business	This course serves as the Sustainability Management (MS) capstone and encourages students to integrate previous course work in Business, science, policy, and international issues. Students develop and implement a project to advance sustainability management in a selected Business, governmental, non-profit organization, or a start-up organization they are initiating. Grading: A-F only. Prerequisite: 12 graduate credit hours. Note: includes one week of international travel.	Sustainability Focused
UG	Ronald Hill	MKTG-300	Principles of Marketing	13	Business	An introduction to marketing decision making in Business and nonprofit organizations. Particular attention is devoted to analysis of customer needs; segmenting markets; and developing product, promotion, pricing, and distribution strategies. Students develop their Business writing skills and learn through writing an integrated market analysis assignment. AU Core Integrative Requirement: Written Communication and Information Literacy II. Prerequisite: ECON-150 or ECON-200 and completion of Written Communication and Information Literacy I requirement. Restriction: Registration not allowed in both MKTG-300 and MKTG-250. Note: Students may not receive credit toward a degree for both MKTG-300 and MKTG-250.	Sustainability Inclusive

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GR	Ronald Hill	MKTG-612	Marketing Management	9	Business	This course provides students with an introduction to current marketing management techniques and the tools necessary for effective marketing decision making. Includes the principles of marketing; global perspectives on marketing management; financial analysis tools for effective decision making; and marketing strategy	Sustainability Focused
GR	Ronald Hill	MKTG-632	Understanding the Marketplace	1	Business	This course provides students with an introduction to the fundamental principles of marketing needed for Business, both profit and nonprofit. Includes an overview of products and new product development; pricing strategies including costing and financial analysis; and understanding the marketing environment including segmentation and targeting tools. Restriction: Marketing (MS).	Sustainability Inclusive
UG	Mark Laubach	NEUR-380	Comp Methods Brain/Behav Sci	1	Nueroscience	Students learn about how computers are used in neuroscience research. They learn basic programming skills and how to analyze and report scientific data using software that is commonly used in neuroscience, e.g., IPython, RStudio, ImageJ, Neuron. AU Core Integrative Requirement: Quantitative Literacy II. Usually Offered: fall. Prerequisite: BIO-220 or NEUR-220 or PSYC-321, and MATH-221.	Sustainability Inclusive
UG	Laurie Bayet	NEUR-489	Neuroscience as a Profession	1	Nueroscience	This course covers professional skills and career paths in the fields of neuroscience and experimental psychology. Topics include scientific writing, scientific presentations, publishing manuscripts, reviewing manuscripts, writing grants, finding a job, use of social media in science, and professional service. Guest lectures introduce students to careers in scientific research, funding, outreach, and service. AU Core Integrative Requirement: Capstone. Crosslist: NEUR-689. Prerequisite: NEUR-210 and NEUR-220. Permission: instructor.	Sustainability Inclusive
GR	Laurie Bayet	NEUR-689	Neuroscience as a Profession	1	Nueroscience	This course covers professional skills and career paths in the fields of neuroscience and experimental psychology. Topics include scientific writing, scientific presentations, publishing manuscripts, reviewing manuscripts, writing grants, finding a job, use of social media in science, and professional service. Guest lectures introduce students to careers in scientific research, funding, outreach, and service. Crosslist: NEUR-489. Permission: instructor.	Sustainability Inclusive

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UG	Joseph Harroff	PHIL-120	Do the Right Thing	25	Philosophy and Religion	This course focuses on putting moral theory into practice, what many call applied ethics. While some major moral theories are put forward and discussed, significant attention is given to analysis of contemporary ethical and political problems. AU Core Habits of Mind: Ethical Reasoning. Usually Offered: fall and spring.	Sustainability Inclusive
UG	Joseph Harroff	PHIL-211	Intro to Asian Philosophy	7	Philosophy and Religion	This course explores whether thinking is a universal or culture-specific activity, if philosophical questions are consistent or diverse in different cultures, how cultural norms are created, and is cultural bias justifiable. The course examines Asian philosophy from the ancient to the modern by providing critical readings and discussions of primary texts in Asian philosophical traditions and offers some comparison with Western tradition. Topics include Asian approaches to and modern variations of the self, society, governing, and gender. AU Core Habits of Mind: Cultural Inquiry. AU Core Integrative Requirement: Diversity and Equity. Usually Offered: alternate springs (even years).	Sustainability Inclusive
UG	Carrie Peffley	PHIL-220	Moral Philosophy	17	Philosophy and Religion	This course investigates the question of what it means to live a moral life. Examining major works in Western philosophy, issues discussed include moral goodness and evil, the nature of justice and rights, the relationship between morality and self-interest, the justification of moral judgments, relativism versus objective truth, the role of pleasure in the good life, and the meaning of character and virtue. AU Core Habits of Mind: Ethical Reasoning. Usually Offered: fall and spring.	Sustainability Inclusive

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UG	Perry Zurn	PHIL-236	Ecological Justice	1	Philosophy and Religion	<p>This course is an in-depth study of ecological justice, that is, ethics in a more-than-human world. It tackles the question of how environmental justice intersects with social justice, especially along the axes of gender, race, sexuality, and disability. It begins with classic environmental literature, in order to interrogate the traditional (and yet changing) referents of the term "nature," from animals and wilderness, to urban parks and chic products. It then explores the ways in which marginalized populations (especially women, people of color, queer people, and people with disabilities) have not only borne the brunt of environmental devastation and climate change, but have also historically led environmental justice movements around the globe.</p> <p>Throughout the course, students dig deeper to understand the conceptual underpinnings of environmental and social injustices. In particular, philosophical tools are used to critically assess how the notion of "natural" has been used to describe forms of life that are socially naturalized (e.g., white, cisgender, able-bodied people) and similarly, how the notion of "unnatural" has been used to describe the socially marginalized (e.g., the queer, the immigrant, the impaired, etc.). Drawing on the traditions of ecofeminism, race and environmental justice, queer ecology, and disability theory, students learn that a robust environmental ethics must reimagine "nature" itself to address degrading ecosystems alongside social hierarchies and marginalization. Students deepen their knowledge of intersectional justice not only across human communities, but within a more-than-human world.</p>	Sustainability Focused
UG	Carrie Peffley	PHIL-294	Comm Service Learning Project	1	Philosophy and Religion	Grading: Pass/Fail only. Permission: instructor and Center for Community Engagement & Service.	-
UG	Margarita Marin-Dale	PHIL-380	Colloquium in Philosophy	3	Philosophy and Religion	<p>Topics vary by section. This course provides an opportunity for students to engage in philosophical practice in a more expansive way than in a traditional class in order to explore a central question of philosophical significance, a prominent theme, or important text. Repeatable for credit with different topic. Prerequisite: one course in philosophy.</p>	Sustainability Inclusive

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UG/GR	Edward Guetti	PHIL-485/685-003	Environmental Philosophy (Spring 2023)	1	Philosophy and Religion	<p>This course investigates human relations to non-human environments through Western philosophy, comparative perspectives (with a variety of Indigenous and Eastern traditions), as well as recent discussions of the current geological age, the Anthropocene. Readings and discussions critically reflect on the idea of nature and of a human place in it.</p> <p>Questions examined include whether the natural world is (already) over, and whether the Anthropocene is the best title for the present, or if it is best called Anthropos, code for some other planetary hegemon such as Capital, Patriarchy or Racial Empire. Students reflect on anthropocentrism and the possibility of planetary perspectives as opposed to global ones. The course illustrates how these perspectives invite wide-ranging critiques.</p>	Sustainability Inclusive
UG	Harold Geller	PHYS-336	Nuclear Ethics in 21st Century	2	physics	<p>Nuclear weapons remain the most significant military challenge facing humanity and civilian nuclear power radioactive waste is one of the greatest long-term risks. Using the case study method, this course analyzes several ethical challenges posed by nuclear energy, including strategic military policy (deterrence vs. defense); nuclear power to mitigate climate change; and state-sponsored torture to prevent nuclear terrorism. It approaches the subject using several different ethical decision principles, including cost-benefit analysis and the precautionary principle. AU Core Habits of Mind: Ethical Reasoning. Usually Offered: fall. Prerequisite: completion of Quantitative Literacy I requirement.</p>	Sustainability Inclusive
UG	Laurie Bayet	PSYC-350	Child Psychology	1	psychology	<p>Introduction to development from infancy through adolescence. Emphasis on theory and research in normal development: genetics, growth, and maturation; sensation and perception; motivation; cognitive and social functioning. Prerequisite: PSYC-100; and 3 PSYC credit hours at or above 200-level.</p>	Sustainability Inclusive
UG	Gregory Neimeyer	PSYC-425	Psych Eating Disorders/Obesity	1	psychology	<p>The study of theory, research, diagnosis and treatment as it pertains to nutrition, dieting, exercise, body image, obesity, anorexia nervosa and bulimia nervosa. Prerequisite: PSYC-100 or PSYC-115.</p>	Sustainability Focused
UG	Patrick Malone	PUAD-021	Topics in Executive Mgmt	79	Public Administration and Policy	<p>Topics vary by section. Topics include developments in areas such as planning; organizing; staffing; information technology; program implementation; executive management and leadership; and international administration. Repeatable with different topic. Grading: Pass/Fail only.</p>	Sustainability Inclusive

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UG	Patrick Malone	PUAD-022	Leadership for Key Executives	10	Public Administration and Policy	This course is organized around three roles essential to increasing leadership capacity; coaching, leading, and brokering. In addition, students discuss the importance of building trust in government by operating with civility and high personal integrity.	Sustainability Inclusive
UG	Patrick Malone	PUAD-027	Pol, Policymaking, & Pub Admin	0	Public Administration and Policy	Key executives examine the relationship of the legislative process; congressional oversight; and EOP/OMB review and approval to the administration of government policy. They study response to pressure groups; clientele groups; and the general public. Executives also address their relationship to political executives; the political basis of government organization; and the difficulties of interagency coordination. Grading: Pass/Fail only.	Sustainability Inclusive
UG	Khaldoun AbouAssi	PUAD-096	Selected Topics: Non-Recurring	1	Public Administration and Policy	Topics vary by section. Repeatable for credit with different topic. Grading: Pass/Fail only.	Sustainability Inclusive
UG	Kathryn Grossman	PUAD-343	Intro to Public Admin/Governan	1	Public Administration and Policy	An introduction to the theory and practice of organizing the modern state and achieving public policies. The course examines the evolution of the modern administrative state, together with the organizational theories that characterize and influence its development. Usually Offered: spring.	Sustainability Inclusive
GR	Alastair McFarlane	PUAD-606	Foundations of Policy Analysis	11	Public Administration and Policy	This course introduces students to the scope, methods, issues, and evolution of policy studies. Students learn and apply various frameworks for approaching the enterprise of policy analysis, become familiar with the logic and applicability of analytical techniques, and gain an appreciation for the ethical issue, values, and context of government policy. Usually Offered: fall, spring, and summer.	Sustainability Inclusive
GR	Patrick Malone	PUAD-612	Intro to Public Admin/Pol Proc	10	Public Administration and Policy	This course introduces students to the evolution of public administration as a profession, discipline, and career. Emphasized are the managerial, political, legal and constitutional, ethical, informational, and technical contexts of public administration, as well as the challenges these afford public administrators confronting contemporary issues. Usually Offered: fall and spring.	Sustainability Inclusive

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GR	Seth Grossman	PUAD-616	Legal Basis of Public Admin	5	Public Administration and Policy	The judicial and legislative oversight of public service managers; administrative procedures and rule making; managerial liability; legal requirements of administrative systems; public employment and labor law; merit system law; international human rights law; constitutional constraints on public service managers; and standards of ethics based in the law. Usually Offered: fall and summer.	Sustainability Inclusive
GR	Seth Grossman	PUAD-626	Legal Issues in Public Admin	7	Public Administration and Policy	This course deals with the legal basis of government authority and the ways in which legal processes authorize yet limit executive action. Using statute and case law, key executives study the delegation of legislative power, rule-making, administrative appeals, and judicial review. Attention is focused on the legal issues in which key executives are most likely to become involved. Usually Offered: spring. Restriction: Key Executive Leadership (MPA), Public Administration and Policy (MPAP), or Executive Leadership (Graduate Certificate).	-
GR	Khaldoun AbouAssi	PUAD-685	Topics in Policy Analysis/Mgmt	15	Public Administration and Policy	Topics vary by section. Examination of the doctrines associated with the design and implementation of public policies, together with conducting analytical studies on various policies, including social, health care, national security, environmental, science and technology, regulatory, income, and economic. Usually Offered: spring. Repeatable for credit with different topic.	Sustainability Inclusive
GR	Sonja Walti	PUAD-688	Policy Practicum	12	Public Administration and Policy	This course affords students exposure to the institutional, legal, and ethic dimensions of policy analysis in organizational settings. Students perform a policy analysis project for a client. Usually Offered: fall and spring.	Sustainability Inclusive
GR	Patrick Malone	PUAD-690	***** Varies by Student *****	5	Public Administration and Policy	Permission: instructor and department chair.	-
GR	Seth Grossman	PUAD-696	Selected Topics:Non-Recurring	1	Public Administration and Policy	Topics vary by section. Repeatable for credit with different topic.	Sustainability Inclusive
GR	Khaldoun AbouAssi	PUAD-790	***** Varies by Student *****	7	Public Administration and Policy	Permission: instructor and department chair.	Sustainability Inclusive

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GR	Daniel Fiorino	PUAD-898	Doctoral Continuing Enrollment	8	Public Administration and Policy	May be taken by doctoral students completing coursework, exams or proposals in preparation for advancement to candidacy. May be taken with or without regular coursework. Tuition is assessed at the 1 credit rate. Academic load will be determined by total enrolled credits for the semester. Repeatable once for credit. Grading: SP/UP only. Restriction: Public Administration and Policy (PhD). Permission: program director.	-
GR	Kimberly Luchtenberg	REAL-667	Mortgage Finance	1	Business	This course explores the impact of changes in the national economy (as measured by GNP, consumer spending, inflation, interest rates, and other economic data) on real estate markets. Topics covered include the effects of general economic conditions on the value of both housing and commercial property, and on financing arrangements and financial instruments in this market (e.g., mortgage markets, including ARMs and creative financing, secondary mortgage markets, MBS, CMOs, and other new developments in real estate financing). Crosslist: FIN-467.	Sustainability Inclusive
GR	Kimberly Luchtenberg	REAL-731	Real Property & Asset Mgmt	1	Business	A study of the managing of income producing properties as individual investments and as pArt of a larger real estate portfolio. For individual properties, long-term decisions regarding capital expenditures, refinancing, conversion and disposition, along with day-to-day decisions regarding leasing and marketing are discussed. Strategic decisions regarding the structure of an investor's real asset portfolio are also addressed.	Sustainability Inclusive
GR	Steven Teitelbaum	REAL-734	Real Estate Development	1	Business	The first pArt of this course examines real estate development, including the pricing and assembly of land and focusing on carrying out a real estate development project. The second considers secondary mortgage markets including securitization, with emphasis on the current state of secondary mortgage markets.	Sustainability Inclusive
GR	Steven Teitelbaum	REAL-735	Real Estate Transactions/Cont	1	Business	This course focuses on the legal aspects of residential and commercial real estate transactions. Legal elements and concepts associated with real estate contracts, leases, title policies, and loan agreements are analyzed, and foreclosure and bankruptcy issues are discussed. The course also examines laws associated with the use, transfer, purchase, and sale of real property.	Sustainability Inclusive

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GR	Mircea Enache	REAL-736	Urban Planning/Sustainability	1	Business	<p>This interactive course provides the basics for reading design and construction drawings and teaches the skills necessary for understanding current thoughts about urban planning in a sustainable environment. Students learn the economic, social, and political components critical to urban planning. Good urban planning concepts, including the demands of the real estate market, are discussed.</p> <p>Students become familiar with the greening of building codes and zoning requirements both locally and nationally. An overview of the Leadership in Energy and Environmental Design (LEED) rating system is discussed with emphasis on LEED-Neighborhood Development, including smArt location, neighborhood pattern and design, and green infrastructure. Students research and visit on-going sustainable real estate projects in the Washington, DC metropolitan region.</p>	Sustainability Focused
GR	Jesse Ribot	SIS 419-009	Climate and Social Vulnerability	1	Justice, law, and criminology	<p>This course focuses on the social roots and the reduction of vulnerability. We will explore: 1) causes of climate-related vulnerability; and 2) practices and policies designed to reduce economic loss, hunger, famine, and dislocation in the face of climate trends and events. This capstone course provides students with a critical theoretical base and policy-analytic skills applicable to increasing security and wellbeing of the poor. In this course, you should learn to 1) evaluate the causes of climate-related vulnerabilities, 2) critically read and understand climate-related literature, 3) identify and ask policy-relevant social science research questions about climate-related vulnerability, and 4) to improve your writing.</p>	sustainability focused
GR	Scott Freeman	SIS 620 -003	Politics of Conservation	1	International Service	<p>This course considers the environmental and human impacts of environmental conservation interventions. From parks and protected areas to carbon financing, the course considers what conservation attempts to do and examines its intended and unintended consequences, particularly as they pertain to marginalized groups.</p>	sustainability focused
GR	Victoria Kiechel	SIS 620-001	Sustainable Design and LEED	1	International Service	<p>Rotating topics include water; food and agriculture; climate and energy; policy analysis; sustainable design; comparative environmental politics; and environmental security. Usually Offered: fall, spring, and summer. Repeatable for credit with different topic.</p>	sustainability focused

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GR	Jesse Ribot	SIS 620-004	Global Climate Change	1	International Service	This course focuses on the social roots and the reduction of vulnerability. We will explore: 1) causes of climate-related vulnerability; and 2) practices and policies designed to reduce economic loss, hunger, famine, and dislocation in the face of climate trends and events. The course provides students with a critical theoretical base and policy-analytic skills applicable to increasing security and wellbeing of the poor. In this course, you should learn to 1) evaluate the causes of climate-related vulnerabilities, 2) critically read and understand climate-related literature, 3) identify and ask policy-relevant social science research questions about climate-related vulnerability, and 4) to improve your writing.	sustainability focused
GR	Scott Freeman	SIS 637	International Development	1	International Service	Alternative theories and definitions of development as expressed in the major international institutions (aid agencies, cartels, multinational corporations) concerned with the transfer of resources. Considers the problems of the "change-agent" in working for development and examines the major development issues.	Sustainability Inclusive
GR	Victoria Kiechel	SIS 793-007	Conflict and Climate Migration	1	International Service	-	Sustainability Inclusive
GR	Judith Shapiro	SIS-602	AU-Univ for Peace Exchange	23	International Service	Students take courses at the University for Peace (UPEACE), San Jose, Costa Rica. Permission: SIS Office of International Programs.	Sustainability Focused
GR	Claire Brunel	SIS-616	International Economics	7	International Service	Examines comparative advantage and neo-classical trade theory, contemporary trade theories, balance of payments, accounting, exchange rates, and open economy macroeconomic and economic development. Usually Offered: fall and spring. Prerequisite: ECON-603.	Sustainability Inclusive
GR	Kenneth Conca	SIS-619	Special Studies in Int'l Pol	30	International Service	Topics vary by section. Rotating topics including international economic policy coordination, emerging capital markets, international environmental policy, political risk analysis, international relations of Japan, preventive diplomacy, United States and Cuba, and nonviolence. Usually Offered: fall, spring, and summer. Repeatable for credit with different topic.	Sustainability Focused

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GR	Kenneth Conca	SIS-620	Stds in Global Environ Politics	9	International Service	Topics vary by section. Rotating topics include water; food and agriculture; climate and energy; policy analysis; sustainable design; comparative environmental politics; and environmental security. Usually Offered: fall, spring, and summer. Repeatable for credit with different topic.	Sustainability Focused
GR	Louis Goodman	SIS-635	Adv Topics in Development Mgmt	6	International Service	Topics vary by section. Rotating topics include rural development and managing economic and political reform. Usually Offered: fall and spring. Repeatable for credit with different topic.	Sustainability Inclusive
GR	Stephanie Fischer	SIS-635	NGO/Social Enterprise (Spring 2023)	1	International Service	This course for students who plan on, or are considering, a career in nonprofit service-providing or advocacy organizations, gives students an opportunity to apply management best practices to the challenges of running a non-governmental organization (NGO). Students acquire the knowledge needed to organize an effective NGO from the ground up. Equal emphasis throughout the course is given to practicalities of management that keep an organization afloat, and the dynamics of leadership that move it forward. The course covers goal setting, fundraising, strategy formulation, governance, and organization design, and the techniques used to identify opportunities, motivate colleagues, build momentum, use power, and win hearts-and-minds. Special emphasis is given to the emerging practices used by social entrepreneurs and how they can be applied in a broad range of NGOs.	Sustainability Inclusive
GR	Jonathan Baker	SIS-635	Community Development (Spring 2023)	1	International Service	This course provides an overview of issues that affect development practices at the grassroots level. Its overall focus is based on a people-to-people approach. Instead of treating communities as target populations and passive beneficiaries in need of external help, it recognizes peoples' own initiatives, skills, and particular histories. Rather than a technical package for dealing with community development issues, the course nurtures analytic skills and learning abilities that can help would-be practitioners reach a critical, empathetic, and practical discernment of the problems faced in the field. The issues covered by the course enhance awareness of multiple aspects and levels of analysis involved in community development.	Sustainability Inclusive

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GR	John Heath	SIS-637	International Development	4	International Service	Alternative theories and definitions of development as expressed in the major international institutions (aid agencies, cArtels, multinational corporations) concerned with the transfer of resources. Considers the problems of the "change-agent" in working for development and examines the major development issues. Usually Offered: fall and spring.	Sustainability Inclusive
GR	Louis Goodman	SIS-647	Governance and Development	1	International Service	Reviews classical and contemporary perspectives on democratic transition, consolidation, and the development of good governance, with special attention to the role of foreign aid. Analyzes the role of civil society and social capital, considers the design of institutions such as constitutions, electoral systems, pArties, and agencies of restraint, and also examines accountability, rule of law, and corruption. Usually Offered: spring.	Sustainability Inclusive
GR	Robin Broad	SIS-649	Environment and Development	1	International Service	An overview of the multidisciplinary field of environment and development. This course focuses on debates concerning various human-made or development- related root causes of natural-resource degradation in the Third World. Special attention is paid to the relationship between the rural poor and the environment. The course also looks critically at recent innovative policy responses attempting to link environment and development. Students learn "root-cause analysis" to assess both the debates and the policy responses. Usually Offered: spring.	Sustainability Focused
GR	Robin Broad	SIS-650	Econ Globalztn/Develp mt Altrns	1	International Service	A critical inquiry into economic globalization (trade, investment, aid, debt); its impact on Third World development; and policy alternatives that are socially, environmentally, and economically just. The course covers the evolution of approaches by civil society organizations (grassroots groups, labor unions, global environmental NGOs, social movements) toward corporate accountability, as well as initiatives by corporations and governments. Policy alternatives analyzed include corporate codes of conduct, and trade agreements that incorporate labor and environmental rights. Students develop a toolkit of local, national, and global policy alternatives to reshape development paths to meet the needs of the majority while protecting ecosystems. Benefitting from decades of practitioner experience, the course builds on a wide range of views from academics, social movement leaders, government officials, and corporate executives. Prerequisite/Concurrent: SIS-636, SIS-637, or SIS-649.	Sustainability Focused

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GR	Claire Brunel	SIS-652	Intro to Environ Economics	2	International Service	An analysis of the relationship between economic activity and the natural environment. The course focuses on using economic theory to address environmental policy issues. Policy measures for regulating pollution and managing common property resources are explored, including emission taxes, tradable pollution permits, and property rights solutions. Applications to global environmental issues such as climate change and local environmental problems are emphasized. Students gain an understanding of the meaning of efficiency and sustainability and the types of policies required to achieve them. Crosslist: ECON-679. Usually Offered: fall. Grading: A-F only. Prerequisite: ECON-600 or ECON-603.	Sustainability Focused
GR	Charles Cushman Jr	SIS-653	Topics in U.S. Foreign Policy	27	International Service	Topics vary by section. Topics include substantive national security issues such as terrorism, non-proliferation, intelligence, and defense polices, as well as U.S. foreign policy toward specific regions or countries. Repeatable for credit with different topic.	Sustainability Inclusive
GR	Judith Shapiro	SIS-660	Environment and Politics	2	International Service	This gateway course for students entering the SIS programs in Global Environmental Policy (GEP) and Natural Resources and Sustainable Development (NRSD) provides an introduction to environmental politics and policy, with emphasis on the international, transnational and global dimensions. The course lays a foundation for more advanced study by introducing conceptual frameworks, issue areas, and analytic approaches to the field. Usually Offered: fall.	Sustainability Focused
GR	Alexandria Wilson-McDonald	SIS-676	Sel Topics in Cross Natl Study	6	International Service	Topics vary by section. Rotating topics, usually with a comparative or regional focus, include political economy of Africa; theories of nationalism; etc. Repeatable for credit with different topic.	Sustainability Inclusive
GR	Kenneth Conca	SIS-690	***** Varies by Student ***** {Sustainable Development}	23	International Service	Permission: instructor and SIS graduate studies office.	Sustainability Focused
GR	Charles Cushman Jr	SIS-712	Adv Topic Gbl Govrn Pol & Sec	8	International Service	Topics vary by section. Advanced, focused topics in global governance, politics, and security. Rotating topics include insurgency and counterinsurgency, NGOs in international affairs, and international organizations. Repeatable for credit with different topic. Grading: A-F only.	Sustainability Inclusive

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GR	John Heath	SIS-726	Professional Development Mgmt	1	International Service	An overview for professionally administering programs in developing countries to develop positive change under conditions of extensive needs, low capacities, and severe obstacles. The course emphasizes practical challenges with an emphasis on tools of design, planning, assessment, measurement, evaluation and their applications. Usually Offered: spring. Restriction: Development Management (MS) or International Development (MA).	Sustainability Inclusive
GR	Tarcisio Alvarez-Rivero	SIS-730	Skills Inst in Int'l Affairs	50	International Service	Topics vary by section. Introduction to a specific technique, approach, or skill used in the field of international affairs, including grant proposal writing, policy brief writing, public speaking, and strategic planning. Usually Offered: fall, spring, and summer. Repeatable for credit with different topic. Grading: Pass/Fail only.	Sustainability Inclusive
GR	Hrach Gregorian, Claudine Kuradusenge-McLeod	SIS-733	International Peace and Conflict Resolution Seminar I	1	International Service	This course presents the main theoretical approaches to peace and mass violence. Students learn the History and underlying assumptions of explanations of peace and war including the interstate system, international organizations, fragile states, gendered societies, economic incentives, ideas, and psychological factors. Usually Offered: fall. Restriction: International Peace and Conflict Resolution (MA), Ethics, Peace, and Human Rights (MA), Environment, Peace, and Conflict Resolution (Graduate Certificate), or Peacebuilding (Graduate Certificate)	Sustainability Inclusive
GR	Robert Tomasko	SIS-739	Priv Sect Engag w/Soc Issues	4	International Service	This course focuses on what students need to know to understand and potentially guide Business involvement with social issues. It also considers the limits of such involvement as viewed from the perspective of activist NGOs and critics of traditional capitalism. Attention is given to current/historical issues of social impact and corporate responsibility/sustainability, and the changing role of the global private sector regarding international development, human rights, peacemaking, and sustainability, and how decisions are made in these areas. Students explore practical ideas about how to engage with corporations from a pArtnership perspective, as well as how to build elements of corporate social responsibility into any organization. Grading: A-F only.	Sustainability Inclusive

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GR	Robert Koopman	SIS-754	Topics in Int'l Econ Relations	2	International Service	Topics vary by section. Rotating topics including the economics of transnational crime, the political economy of oil and energy, and the political economy of various countries and regions. Repeatable for credit with different topic.	Sustainability Focused
GR	Scott Freeman	SIS-793	Practicum in Int'l Affairs	30	International Service	Topics vary by section. Capstone experience for SIS Master's students. Usually Offered: fall, spring, and summer. Repeatable for credit with different topic. Permission: SIS Graduate Advising Office.	Sustainability Focused
GR	Valentina Aquila	SIS-795	***** Varies by Student *****	130	International Service	Permission: department.	Sustainability Focused
GR	Marie Louise Combes	SIS-803	Adv Seminar in Int'l Relations	1	International Service	This course provides an in-depth introduction to the main sub-fields in international relations including security, political economy, foreign policy, and international organizations Usually Offered: spring. Restriction: International Relations (PhD).	Sustainability Inclusive
GR	Joseph Young	SIS-806	Quantitative Methods in IR	1	International Service	This course is an epistemological and methodological survey of quantitative social scientific inquiry. It examines concept construction and measurement in statistical and other research techniques. Emphasis is placed on the analysis of data and substantive interpretation of results. Restriction: International Relations (PhD).	-
GR	Kenneth Conca	SIS-890	***** Varies by Student *****	4	International Service	Permission: instructor and PhD program director.	Sustainability Focused
GR	Cathy Schneider	SIS-899	Doctoral Dissertation	40	International Service	May be taken by doctoral students who are advanced to candidacy with the approval of the faculty supervising the dissertation (or designee). It is a 9 credit course, but tuition is assessed at the 1 credit rate. The course is graded SP/UP and students will be deemed full-time. The Office of the Registrar must be notified when a student has advanced to candidacy. Grading: SP/UP only. Restriction: doctoral students who have advanced to candidacy. Permission: program director.	-
UG	N/A	SISA-350	Topics in Environmental Sustainability and Global Health (3)	1	International Service	Topics vary by section. Rotating topics including human geography, politics of population, international environmental politics, health in the developing world, and health communication. Taught at an international university or AU study center abroad. Repeatable for credit with different topic. Grading: A-F only. Prerequisite: SISU-206 and SISU-250.	sustainability focused

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UG	N/A	SISA-351	Topics in Environmental Sustainability and Global Health: Africa (3)	1	International Service	Topics vary by section. Rotating topics focus on Africa and address issues of human geography, politics of population, international environmental politics, health in the developing world, and health communication. Taught at an international university or AU study center abroad. Repeatable for credit with different topic. Grading: A-F only. Prerequisite: SISU-206 and SISU-250.	sustainability focused
UG	N/A	SISA-352	Topics in Environmental Sustainability and Global Health: East Asia (3)	1	International Service	Topics vary by section. Rotating topics focus on Africa and address issues of human geography, politics of population, international environmental politics, health in the developing world, and health communication. Taught at an international university or AU study center abroad. Repeatable for credit with different topic. Grading: A-F only. Prerequisite: SISU-206 and SISU-250.	Sustainability Inclusive
UG	N/A	SISA-353	Topics in Environmental Sustainability and Global Health: Europe (3)	1	International Service	Topics vary by section. Rotating topics focus on Africa and address issues of human geography, politics of population, international environmental politics, health in the developing world, and health communication. Taught at an international university or AU study center abroad. Repeatable for credit with different topic. Grading: A-F only. Prerequisite: SISU-206 and SISU-250.	sustainability focused
UG	N/A	SISA-354	Topics in Environmental Sustainability and Global Health: Latin America (3)	1	International Service	Topics vary by section. Rotating topics focus on Africa and address issues of human geography, politics of population, international environmental politics, health in the developing world, and health communication. Taught at an international university or AU study center abroad. Repeatable for credit with different topic. Grading: A-F only. Prerequisite: SISU-206 and SISU-250.	sustainability focused
UG	N/A	SISA-355	Topics in Environmental Sustainability and Global Health: Middle East (3)	1	International Service	Topics vary by section. Rotating topics focus on Africa and address issues of human geography, politics of population, international environmental politics, health in the developing world, and health communication. Taught at an international university or AU study center abroad. Repeatable for credit with different topic. Grading: A-F only. Prerequisite: SISU-206 and SISU-250.	sustainability focused
UG	N/A	SISA-356	Topics in Environmental Sustainability and Global Health: Russia/Eurasia (3)	1	International Service	Topics vary by section. Rotating topics focus on Africa and address issues of human geography, politics of population, international environmental politics, health in the developing world, and health communication. Taught at an international university or AU study center abroad. Repeatable for credit with different topic. Grading: A-F only. Prerequisite: SISU-206 and SISU-250.	sustainability focused

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UG	N/A	SISA-357	Topics in Environmental Sustainability and Global Health: South Asia (3)	1	International Service	Topics vary by section. Rotating topics focus on Africa and address issues of human geography, politics of population, international environmental politics, health in the developing world, and health communication. Taught at an international university or AU study center abroad. Repeatable for credit with different topic. Grading: A-F only. Prerequisite: SISU-206 and SISU-250.	sustainability focused
GR	Sahil Mathur	SISG-762	Global Governance	5	International Service	There exists a group of powerful but incomplete and often flawed institutions, including the World Bank, the United Nations, the International Monetary Fund, the International Criminal Court, the European Union, the African Union, and the North Atlantic Treaty Organization. Other less formal global governance initiatives have also emerged as important factors. Understanding the complex interactions between these initiatives and national governments and individuals is essential to understanding contemporary world politics. This course explores the History, role, and operations of organizations such as these. The course also investigates some of the broad theoretical approaches to studying international organizations and some of the most common critiques of the institutions' legitimacy and effectiveness.	Sustainability Inclusive
GR	Suzanne Ghais	SISG-767	Topics in Global Security	11	International Service	Topics vary by section. Rotating topics include theories and concepts in global security and security from inside the state. Repeatable for credit with different topic. Grading: A-F only.	Sustainability Inclusive
GR	Maysaa Alobaidi	SISG-768	Topics in International Development: Global Health Politics/Policy (September-December Semester)	1	International Service	Beginning with an overview of the most significant health and disease issues facing the global community, including HIV, TB, malnutrition, SARS, and avian flu, endemic diseases such as malaria, and the growth of noncommunicable diseases including diabetes, heart disease, and cancer, this course relates these nontraditional challenges to current theories and research in international relations. The course addresses a number of different issues in international relations and affairs, primarily from the perspective of how they interact with global and international public health.	Sustainability Inclusive

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GR	Jennifer Wallace	SISG-768-001	Topics in International Development: Politics of Global Development (September-December Semester)	1	International Service	This course offers examination into to the field of international development through examining the History, theory, and current approaches towards alleviating poverty and global inequality. The course focuses especially on who decides, how decisions are made, and what the impacts are of development strategies on the environment and on the most vulnerable members of society. The course also emphasizes critical analysis of the central assumptions and power relations that have influenced the field, and resulting discourses, policies, programs, and political arrangements. Students explore what development means, how to measure it, and how to understand attempts to balance between economic, ecological, and equity concerns. The course engages the key propositions that emerge in contemporary international development debates, and offers frameworks for evaluating theories, interventions and policies and offers a foundation for uncovering and assessing social structures, institutions, inequalities, and development policies as theories meet practice.	Sustainability Inclusive
UG	Sahil Mathur	SISU-102	Natl Studnt Ldrshp Conf Topics	13	International Service	Topics vary by section. Analyses of topics from a global perspective including international diplomacy, national security, global commerce, public health, leadership, and sustainable development. Usually Offered: summer. Repeatable for credit with different topic. Restriction: National Student Leadership Conference (NSLC).	Sustainability Inclusive
UG	Marie Louise Combes	SISU-103	Community of Scholars Topics	8	International Service	Topics vary by section. Topics include U.S. foreign policy and diplomacy and global, culture, and cooperation. Usually Offered: summer. Repeatable for credit with different topic. Restriction: Community of Scholars.	Sustainability Inclusive
UG	Louis Goodman	SISU-106	First Year Seminar	20	International Service	Topics vary by section. This seminar course introduces first year SIS students to critical issues in world affairs. Usually Offered: fall and spring. Not repeatable for credit. Grading: A-F only. Restriction: first-year SIS students; concurrent registration not allowed for SISU-105 and SISU-106. Note: Ineligible for Course Repetition and Grade Replacement.	Sustainability Inclusive
UG	Sahil Mathur	SISU-109	Summer Scholars Topics	6	International Service	Topics vary by section. Rotating topics include international diplomacy, national security, international Business, global public health, sustainable development, and other subjects with a global theme. Usually Offered: summer. Repeatable for credit with different topic. Restriction: HSSS program.	Sustainability Inclusive

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UG	Patrick Hakizimana	SISU-205	Intercultural Communication	24	International Service	This course examines how globalization and our cultural upbringing shape who we are, how we see the world, and the ways in which we communicate with people across intergroup inequities and intercultural and/or international boundaries. Students explore verbal and nonverbal communication; the relationship between dominant cultures and subcultures; ethnic, racial, class, and other forms of diversity within countries and organizations; third-culture and multicultural persons; the dynamics of cross-cultural conflict, adjustment, adaptation; and the importance of flexible intercultural communication. Using the case study method, the course examines global case studies to explore specific topics, why culture matters, and the values and dynamics underpinning intercultural communication. AU Core Integrative Requirement: Diversity and Equity. Usually Offered: fall, spring, and summer. Grading: A-F only. Prerequisite: SISU-105.	Sustainability Inclusive
UG	Patrick Hakizimana	SISU-210	Peace, Global Sec & Confl Res	13	International Service	This course explores the central concepts of peace and conflict resolution, important theories of causes of conflict and applications of conflict resolution in difficult global contexts. It compares definitions of peace, explores types of conflict, and analyzes conflict from multiple perspectives, which range from individual-level theories of aggression and human nature to inter-group theories of identity and mobilization. Usually Offered: fall and spring. Grading: A-F only. Prerequisite: SISU-105.	Sustainability Focused
UG	Krista L Tuomi	SISU-220	Int'l Political Economy	4	International Service	Economic competitiveness is a major contemporary issue, not only for the major powers, but also for newly industrializing countries and for developing nations. The forces affecting international competition and competitiveness are discussed through an examination of both domestic issues (debt, deficit, innovation, trade, education) and international issues, both political and economic. Usually Offered: fall and spring. Grading: A-F only. Prerequisite: SISU-105.	Sustainability Inclusive

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UG	Scott Freeman	SISU-240	Global Inequality & Devel	9	International Service	This survey course covers the History of the field of international development from colonialism to current issues. It addresses major theories of development; changing approaches to foreign aid; measures of development; reasons for poverty; structural adjustment and debt; the rise of East Asia; and a variety of current issues in international development. The focus is on understanding and analyzing contending viewpoints. Usually Offered: fall and spring. Grading: A-F only. Prerequisite: SISU-105.	Sustainability Inclusive
UG	Victoria Kiechel	SISU-250	Env Sustainblty/Globa I Health	5	International Service	This gateway course exposes students to a range of perspectives and tools in the study of the global environment and global health, including market-based approaches, environmental justice, political economy, and sustainability assessment tools, and how to apply these to specific areas of concern. Students not only gain a firm theoretical grounding in environment, health, and the linkages between the two, but also familiarize themselves with practitioner approaches addressing sustainability and health. Grading: A-F only. Prerequisite: SISU-105.	Sustainability Focused
UG	Alexandria Wilson-McDonald	SISU-260	Identity, Race, Gender & Cultr	5	International Service	Explores the complex and dynamic configuration of identity based on race, ethnicity, gender, nationalism, and religion as they relate to specific cultures, globalization, and social discourse. Usually Offered: spring. Grading: A-F only. Prerequisite: SISU-105.	Sustainability Inclusive
UG	Alexandria Wilson-McDonald	SISU-306	Adv Int'l Studies Research	19	International Service	Topics vary by section. Application of research methods in international studies to an original research project. Rotating topics focus on a specific research methodology or a specific subject area. Methodologies covered include survey research methods, comparative case study analysis, game theory, discourse analysis, and ethnographic research methods. Areas include foreign policy, civil war and intervention, and nationalism. AU Core Integrative Requirement: Written Communication and Information Literacy II. Usually Offered: fall, spring, and summer. Not repeatable for credit. Grading: A-F only. Prerequisite: SISU-206 and completion of Writing and Information Literacy I requirement.	Sustainability Inclusive

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UG	N/A	SISU-328	Global Economy and Sustainable Development (3)	1	International Service	An analysis of the relationship between economic activity and the natural environment from both mainstream and ecological perspectives. Policy measures for regulating pollution and managing common property resources are explored, including emission taxes, tradable pollution permits, and property rights solutions. Applications to global environmental issues such as climate change and local environmental problems are emphasized. Students gain an understanding of the meaning of sustainable development and the types of policies required to achieve it. Grading: A-F only. Prerequisite: SISU-206 and SISU-220 or SISU-240.	Sustainability Inclusive
UG	Angela Pashayan	SISU-348	Gender and Development	1	International Service	This course examines from an interdisciplinary and international perspective how development is gendered and creates different meanings, impacts, and processes for women around the world. Students explore the different theoretical approaches used in understanding women's situations in developing societies and examine the impact of production and reproduction, politics, globalization, environment, and migration on women in different pArts of the developing world. Students probe the success and failure of development strategies in incorporating women into the development process and explore new approaches to ensure women's empowerment and their agency to fully pArticipate in development processes.	Sustainability Inclusive
UG	Victoria Kiechel	SISU-349	Topics Glb Ineq,Dev,Env,Hlth	3	International Service	Topics vary by section. Rotating topics focusing on the intersection of global inequality, development, environmental sustainability, and global health. Repeatable for credit with different topic. Grading: A-F only. Prerequisite: SISU-206 and SISU-240 or SISU-250.	Sustainability Focused
UG	Kenneth Conca	SISU-350	Topics in Env Sustain/Glb Hlth	2	International Service	Topics vary by section. Rotating topics including human geography, politics of population, international environmental politics, health in the developing world, and health communication. Repeatable for credit with different topic. Grading: A-F only. Prerequisite: SISU-206 and SISU-250.	Sustainability Focused

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UG	Judith Shapiro	SISU-352	Environmental Politics of Asia	1	International Service	This seminar focuses on the environmental politics of Asia. It covers global, regional, and local environmental challenges. The class considers the transboundary impact of Asia's environmental problems, including air and water pollution, biodiversity loss, climate change, and ozone depletion through the theoretical lenses of international relations theory, environmental security, human security, and Anthropology. Grading: A-F only. Prerequisite: SISU-206 and SISU-250.	Sustainability Focused
UG	Kenneth Conca	SISU-359	Environment, Conflict & Peace	1	International Service	The focus of the emerging interdisciplinary field of environmental peacemaking, with its focus on relationship-building between conflict actors, is to identify ways that the environment, natural and human, provides opportunities for building bridges of collaboration between conflicting parties. In this course, students deal with concepts from ecopolitics, environmental security studies, international relations, and conflict resolution to develop an understanding of the theoretical framework informing the emerging environmental peacemaking paradigm. The course examines the interactions among violence, conflict, peace, security, and the natural environment. It is structured to create the context for students to address questions including what impact violent conflict has on the environment; is environmental degradation itself a source or trigger of violent conflict; and how environmental cooperation can be used to promote peace and sustainable development. Grading: A-F only. Prerequisite: SISU-206 and SISU-210 or SISU-250.	Sustainability Focused
UG	Victoria Kiechel	SISU-390	***** Varies by Student ***** {Understanding Green Planning}	19	International Service	Permission: instructor and SIS undergraduate studies office.	Sustainability Focused
UG	Victoria Kiechel	SISU-419	Senior Capstone: Int'l Studies	22	International Service	Topics vary by section. Rotating senior capstone topics focusing on international studies. AU Core Integrative Requirement: Capstone. Not repeatable for credit. Grading: A-F only. Prerequisite: SISU-306. Restriction: International Studies (BA) or Global International Relations (BA) and at least 75 credit hours.	Sustainability Inclusive

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UG	N/A	SISU-425	Senior Capstone : Environmental Sustainability and Global Health (3)	1	International Service	Topics vary by section. Rotating senior capstone topics focusing on environmental sustainability and global health. Grading: A-F only. Restriction: International Studies (BA) and at least 75 credits.	sustainability focused
UG	N/A	SISU-465	Topics in Environmental Sustainability and Global Health (3)	1	International Service	Topics vary by section. Rotating topics including human geography, politics of population, international environmental politics, health in the developing world, and health communication. Repeatable for credit with different topic. Grading: A-F only. Prerequisite: SISU-250.	Sustainability Inclusive
UG	Victoria Kiechel	SISU-490	***** Varies by Student ***** {Politics of Trees}	1	International Service	Permission: instructor and SIS undergraduate studies office.	Sustainability Focused
UG	Jerri Husch	SOCY-350	Social Prob in Changing World	1	Sociology	Sociological perspectives on the construction of social problems in a changing world. Focus on analysis of contrasting views and solutions for such conditions as global inequality, environmental degradation, population growth, inequalities based on economic class, race, gender, sexual orientation, and age, and institutional crises involving families, education, health care, crime, and justice. Usually Offered: fall. Prerequisite: SOCY-100.	Sustainability Inclusive
UG	Chenyang Xiao	SOCY-389	Society & Global Environment	1	Sociology	Exploration into the relationship between social groups and the physical environment. Focus on the actions and reactions of public and policy groups in identifying and coping with environmental problems. Analysis of specific socio-environmental problems and the roles and methods of social scientists and others in social-impact assessment and social change. Usually Offered: spring. Prerequisite: SOCY-100 or ENV5-250.	Sustainability Focused
UG	Jerri Husch	SOCY-394	Comm Service Learning Project	1	Sociology	Grading: Pass/Fail only. Permission: instructor and Center for Community Engagement & Service.	Sustainability Inclusive
GR	N/A	SOCY-689	Environmental Sociology (3)	1	Sociology	Exploration into the relationship between social groups and the physical environment. Focus on the actions and reactions of public and policy groups in identifying and coping with natural and technological problems. Analysis of specific socio-environmental problems and the roles and methods of social scientists and others in social-impact assessment and social change.	Sustainability Inclusive

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UG	Elizabeth Fischer MArtin	SPA-085	Topics in Public Affairs	52	Public Administration and Policy	Topics vary by section. Skills-based courses aimed at supplementing and enhancing coursework offered in the Department of Government, Department of Justice, Law and Criminology, and the Department of Public Administration and Policy. Topics include core principles of data visualization, policy writing for a general audience, media skills training, the power of effective presentations, and how to start a non-profit. Crosslist: SPA-685. Usually Offered: fall, spring, and summer. Repeatable. Grading: Pass/Fail only. Restriction: SPA graduate program.	-
UG	Daniel Fiorino	SPA-300	SPA Honors Colloquium	2	Public Administration and Policy	Topics vary by section. Seminars for students in the SPA Honors Program facilitate the integration of knowledge of public affairs disciplines and prepare students for advanced scholarship in their capstone courses. Usually Offered: fall and spring. Repeatable for credit with different topic. Grading: A-F only. Restriction: SPA Honors.	Sustainability Focused
UG	Daniel Fiorino	SPA-370	Amer Environ Policy & Politics	1	Public Administration and Policy	An introduction to the issues, institutions, and processes that determine environmental policy in the United States. Environmental policy formation, implementation by administrative agencies, and the resolution of environmental disputes. Usually Offered: fall. Prerequisite: GOVT-110.	Sustainability Focused
UG	N/A	SPA-371	Energy Policy and Politics (3)	1	Public Administration and Policy	This course examines the role of energy in modern economies and societies as well as the environmental, social, and security impacts of energy production and use. The class studies fossil fuels, nuclear, wind and solar energy, and new technologies such as tidal and advanced biomass. Particular attention is given to four aspects of the energy system: water, climate, health, and ecology. Also considered are renewable energy and efficiency and the policy, politics, and economics of technology innovation. The focus is on the United States, but global energy forces and trends are also included. Grading: A-F only.	Sustainability Inclusive
UG	Joseph Young	SPA-490	Independent Research	1	Public Administration and Policy	Permission: instructor and department chair.	Sustainability Inclusive

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GR	Elizabeth Fischer MArtin	SPA-685	Topics in Public Affairs	26	Public Administration and Policy	Topics vary by section. Skills-based courses aimed at supplementing and enhancing coursework offered in the Department of Government, Department of Justice, Law and Criminology, and the Department of Public Administration and Policy. Topics include core principles of data visualization, policy writing for a general audience, media skills training, the power of effective presentations, and how to start a non-profit. Crosslist: SPA-085. Usually Offered: fall, spring, and summer. Repeatable for credit with different topic. Grading: A-F only.	-
UG	Esther Holtermann	SPAN-253	Spanish, Intermediate II	9	World Language and Culture	Continuation of SPAN-252. Usually Offered: fall, spring, and summer. Prerequisite: SPAN-252.	Sustainability Inclusive
UG	Lilian Baeza-Mendoza	SPAN-321	Heritage Spanish I	1	World Language and Culture	This course is designed specifically for native or heritage speakers of Spanish with some proficiency but little or no formal training in the language. Heritage speakers are those students who have been raised in homes where Spanish was spoken and whose schooling has for the most part been in English in the United States. The course builds on the Spanish that students already know, to strengthen reading, writing, and speaking skills, as well as grammar and vocabulary for use of the language in formal and academic settings. This course also functions as an intellectual space to facilitate student sharing and appreciation of their cultural and linguistic experiences and aptitudes. Usually Offered: fall. Permission: instructor.	Sustainability Inclusive
UG	Lilian Baeza-Mendoza	SPAN-322	Heritage Spanish II	1	World Language and Culture	Heritage speakers of Spanish are students who have been raised in Spanish-speaking homes and whose schooling has, for the most part, been in English in the United States. This course builds on the Spanish skills that students already possess from coursework or through language experience. The course strengthens formal grammar and vocabulary knowledge as well as reading, writing, and speaking skills for academic and professional settings. The course also functions as an intellectual space to facilitate student sharing and appreciation of their cultural and linguistic experiences and aptitudes. Usually Offered: spring. Permission: instructor.	Sustainability Inclusive

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UG	Lilian Baeza-Mendoza	SPAN-331	Heritage Spanish III	1	World Language and Culture	Heritage speakers are those students who have been raised in homes where Spanish was spoken and whose schooling has for the most part been in English in the United States. In this course heritage speakers of Spanish leverage their bilingualism and intercultural competence to master academic writing in Spanish. The course is theoretically framed by students' engagement in a structured comparative analysis of rhetorical strategies across multiple genres. AU Core Integrative Requirement: Written Communication and Information Literacy II. Usually Offered: fall and spring. Grading: A-F only. Prerequisite: completion of Written Communication and Information Literacy I requirement. Permission: instructor.	Sustainability Inclusive
UG	Gorky Cruz	SPAN-390	***** Varies by Student *****	1	World Language and Culture	Permission: instructor and department chair.	Sustainability Inclusive
UG	Alexandra Kapatou	STAT-202	Basic Statistics	43	Mathematics & Statistics	Data presentation, display, and summary, averages, dispersion, simple linear regression, and correlation, probability, sampling distributions, confidence intervals, and tests of significance. Use of statistical software both to analyze real data and to demonstrate and explore concepts. AU Core Foundation: Quantitative Literacy I. Usually Offered: fall, spring, and summer. Restriction: Registration not allowed in both STAT-202, and STAT-203 or STAT-204. Note: Students may not receive credit toward a degree for both STAT-202, and STAT-203 or STAT-204.	Sustainability Inclusive

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UG	Alexandra Kapatou	STAT-320	Biostatistics	4	Mathematics & Statistics	<p>This course introduces statistical methods used within the fields of biology, medicine, and public health. Students develop and use methods for data collected from designed experiments and observational studies. Statistical models covered include ANOVA, multiple regression, analysis of covariance, and nonparametric methods. Emphasis is placed on determining the appropriate statistical model, understanding the assumptions of the model, assessing whether the assumptions are reasonable for a given study design and data, improving the model if necessary, and communicating the results of an analysis. Statistical software is integrated into the course for exploration, analysis, and demonstration of concepts. AU Core Foundation: Quantitative Literacy I. AU Core Integrative Requirement: Quantitative Literacy II. Usually Offered: spring. Prerequisite: STAT-202 or STAT-203. Restriction: Registration not allowed in both STAT-320, and STAT-302 or STAT-514. Note: Students may not receive credit toward a degree for both STAT-320 and STAT-302. Completion with C or better fulfills only Quantitative Literacy I or Quantitative Literacy II requirement, not both.</p>	Sustainability Inclusive
GR	Alexandra Kapatou	STAT-516	Design of Experiments	1	Mathematics & Statistics	<p>Design and analysis of the results of balanced experiments, simple analysis of variance, components of variance, analysis of covariance, and related subjects. Usually Offered: spring. Prerequisite: STAT-302, STAT-320, or STAT-614.</p>	Sustainability Inclusive
GR	Alexandra Kapatou	STAT-798	Statistical Resch & Consulting	1	Mathematics & Statistics	<p>Through written reviews and oral presentations, students investigate advances in statistical theory and applications in recent journals. Through interaction with other departments, students learn to formulate statistically problems expressed in the language of another discipline and interact in a consulting role with researchers outside of statistics. This course develops statistical consulting skills ranging from basic concepts relating to how to formulate the nature of the client's problem, to solving it and presenting the solution in the language of the client. Students complete major statistical consulting problems under supervision and statistical support for projects on campus as well as outside consulting projects. Usually Offered: spring. Repeatable for credit. Permission: department.</p>	Sustainability Inclusive

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UG	Anna Kaplan	WGSS-150	Women's Voices Thru Time	8	Interdisciplinary	This course focuses on distinctive contributions of women to Western Artistic and intellectual traditions; significant Articulations of human experience expressed by women through literature, Art, and History; how such traditions became established; and how women, despite obstacles, have produced lasting works of ideas and imagination. AU Core Integrative Requirement: Diversity and Equity. Usually Offered: spring.	Sustainability Inclusive
UG	David Vazquez	WGSS-350	Interpreting Gender in Culture	13	Interdisciplinary	Topics vary by section. An exploration of diverse aspects of gender experience from different disciplinary perspectives. Rotating topics focus on specific subjects, integrating recent scholarship and interdisciplinary contexts. Representative topics include gender and violence, gay and lesbian documentary, masculinities, and international feminisms. Repeatable for credit with different topic.	Sustainability Inclusive
UG	Renee Bailey	WRT-025	STEP Pre-College Writing Sem	3	Communication	This course introduces students to skills needed to successfully transition into collegiate academic writing. The course focuses on the importance of thesis-driven writing, and students learn a range of research methods and protocols. Students are also introduced to American University's Academic Integrity Code, as well as the services available at the library and through Canvas. Usually Offered: summer. Grading: Pass/Fail only. Restriction: Summer Transition Enrichment Program (STEP).	Sustainability Inclusive
UG	Emma Francois	WRT-100	College Writing	82	Communication	This course develops students' academic writing, reading, and research skills; emphasizes information literacy, including locating, evaluating, and incorporating source material; and focuses on rhetorical awareness. AU Core Foundation: Written Communication and Information Literacy I. Usually Offered: fall, spring, and summer. Grading: A-F only. Note: Completion of WRT-100 and WRT-101 with grades of C or better fulfills the Written Communication and Information Literacy I requirement. Students may not receive credit toward a degree for both WRT-100 and WRT-102.	Sustainability Inclusive

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UG	Emma Francois	WRT-101	College Writing Seminar	84	Communication	This course continues the work on academic writing, reading, and research skills developed in WRT-100. The course builds students' abilities to make rhetorical choices in constructing extended arguments and synthesizing diverse materials through study of a distinct course theme and emphasizes information literacy, including evaluating source material and making rhetorically appropriate use of different sources. AU Core Foundation: Written Communication and Information Literacy I. Usually Offered: fall, spring, and summer. Grading: A-F only. Prerequisite: WRT-100. Note: Completion of WRT-100 and WRT-101 with grades of C or better fulfills the Written Communication and Information Literacy I requirement. Students may not receive credit toward a degree for both WRT-101 and WRT-103.	-
UG	N/A	WSEM-040	Sustainability and the Environment (0)	1	NA	This course explores local, national and global environmental issues, including species conservation, land use, food and agriculture, ocean degradation, climate change, and consumption. The course examines primary actors, key challenges, strategies for making change, and common best practices. Students meet and interact with practitioners who work in the field. Crosslist: WSEM-440. Usually Offered: fall and spring. Restriction: Washington Semester Non-Credit International Certificate Program.	sustainability focused
UG	Babak Hafezi	WSEM-050	Topics in Washington DC	18	Interdisciplinary	Topics vary by section. An interdisciplinary study of contemporary issues from the lens of Washington leadership and expertise. Rotating topics examine areas of American politics, foreign policy, international peace and security, justice and law, global Business and economics, journalism and new media, public health, and environmental policy. Crosslist: WSEM-450 and WSEM-650. Usually Offered: fall and spring. Repeatable. Restriction: Washington Semester Non-Credit International Certificate Program.	Sustainability Inclusive
UG	N/A	WSEM-440	Sustainability and the Environment (4)	1	NA	This course explores local, national and global environmental issues, including species conservation, land use, food and agriculture, ocean degradation, climate change, and consumption. The course examines primary actors, key challenges, strategies for making change, and common best practices. Students meet and interact with practitioners who work in the field. Crosslist: WSEM-040. Usually Offered: fall and spring. Restriction: Washington Semester Program (Fall & Spring).	sustainability focused

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UG	Babak Hafezi	WSEM-450	Topics in Washington DC	12	Interdisciplinary	<p>Topics vary by section. An interdisciplinary study of contemporary issues from the lens of Washington leadership and expertise. Rotating topics examine areas of American politics, foreign policy, international peace and security, justice and law, global Business and economics, journalism and new media, public health, and environmental policy. Crosslist: WSEM-050 and WSEM-650. Usually Offered: fall and spring. Repeatable for credit with different topic. Restriction: Washington Semester Program (Fall & Spring).</p>	Sustainability Inclusive
UG	Jeffrey Sosland	WSEM-480	Washington Semester Rsrch Proj	4	Interdisciplinary	<p>The research project offers an opportunity for Washington Semester students to conduct intensive analysis on a Washington-based or international topic of interest that complements the knowledge acquired in the seminar and internship components of the program. The final product demonstrates evidence of research activity throughout the semester, including detailed knowledge on the topic and original analysis of primary source information. Class sessions focus on best practices for each step of the research process and discussions about challenges encountered by students. Crosslist: WSEM-080. Usually Offered: fall and spring. Restriction: Washington Semester Program.</p>	Sustainability Focused