

Bryn Mawr College Sustainability Course Inventory
Academic Year 2022-2023

Term	Department	Catalog Code	Section	Title	Description	Level	IS/FS
Fall 2022	Biology	BIOL B220	001	Ecology	A study of the interactions between organisms and their environments. The scientific underpinnings of current environmental issues, with regard to human impacts, are also discussed. Students will also become familiar with ecological principles and with the methods ecologists use. Students will apply these principles through the design and implementation of experiments both in the laboratory and the field.	UG	FS
Spring 2023	Biology	BIOL B262	001	Urban Ecosystems	Cities can be considered ecosystems whose functions are highly influenced by human activity. This course will address many of the living and non-living components of urban ecosystems, as well as their unique processes. Using an approach focused on case studies, the course will explore the ecological and environmental problems that arise from urbanization, and also examine solutions that have been attempted.	UG	FS
Spring 2023	East Asian Languages and Cultures	EALC B264	001	Human Rights in China	This course will examine China's human rights issues from a historical perspective. The topics include diverse perspectives on human rights, historical background, civil rights, religious practice, justice system, education, as well as the problems concerning some social groups such as migrant laborers, women, ethnic minorities and peasants.	UG	FS
Spring 2023	East Asian Languages and Cultures	EALC B355	001	Animals, Vegetables, Minerals in East Asian Literature & Fiction	This semester, we will explore how artists question, explore, celebrate, and critique the relationships between humans and the environment. Through a topics-focused course, students will examine the ways that narratives about environment have shaped the way that humans have defined themselves. We will be reading novels and short stories and viewing films that contest conventional binaries of man and animal, civilization and nature, tradition and technology, and even truth and fiction. "Animals, Vegetables, Minerals" does not follow chronological or geographical frameworks, but chooses texts that engage the three categories enumerated as the major themes of our course. We will read and discuss animal theory, theories of place and landscape, and theories of modernization or mechanization; and there will be frequent (and intentional) overlap between these categories. We will also be watching films that extend our theoretical questions of these themes beyond national, linguistic, and generic borders. You are expected to view this course as a collaborative process in which you share responsibility for leading discussion. There are no prerequisites or language expectations, but students should have some basic knowledge of East Asian, especially Sinophone, history and culture, or be willing to do some additional reading (suggested by the instructor) to achieve an adequate contextual background for exploring these texts.	UG	FS
Spring 2023	Economics	ECON B208	001	Labor Economics	Analysis of labor markets. Focuses on the economic forces and public policies that determine wage rates and unemployment. Specific topics include: human capital, family decision making, discrimination, immigration, technological change, compensating differentials, and signaling.	UG	FS
Spring 2023	Economics	ECON B225	001	Economic Development	Examination of the issues related to and the policies designed to promote economic development in the developing economies of Africa, Asia, Latin America, and the Middle East. Focus is on why some developing economies grow faster than others and why some growth paths are more equitable, poverty reducing, and environmentally sustainable than others. Includes consideration of the impact of international trade and investment policy, macroeconomic policies (exchange rate, monetary and fiscal policy) and sector policies (industry, agriculture, education, population, and environment) on development outcomes in a wide range of political and institutional contexts. Prerequisite: ECON B105.	UG	FS
Fall 2022	Economics	ECON B314	001	the Economics of Social Policy	Introduces students to the economic rationale behind U.S. government programs and the evaluation of U.S. social policies. Topics include minimum wage, unemployment, safety net programs, education, health insurance, and climate change. Additionally, the instructor and students will jointly select topics of special interest to the class. Emphasis will be placed on the use of statistics to evaluate social policy.	UG	FS
Fall 2022	Emily Balch Seminar Program	EMLY B001	013	Fantastic Fiction and the Environment	Despite dragons, spaceships, and alien encounters, fantasy and science fiction stories are "a means of understanding," claims author Ursula K. Le Guin, and "a mirror of the real." How, then, do we reconcile the imaginary landscapes presented in these stories with our actual and pressing environmental crises? What value does fantasy have, if it not as simply "escapist" or "untrue" stories? In this seminar, we will explore current environmental concerns through the dual lens of news media coverage of environmental issues and genre fiction, specifically science fiction and fantasy literature and film. We will investigate how the alternate views of the environment presented in works of fantastic fiction encourage us to rethink our assumptions regarding the human-made problems affecting our environment today. We will also use these works to examine our personal relationship towards the environment and consider the duty we have, if any, to help preserve and protect the world around us. Can fantastic stories spur real world action? We attempt to answer this question by applying several different eco-critical themes—deep ecology, feminist ecology, ecological utopias/dystopias, environmental racism—and reading excerpts from news media, eco-critical scholars, and fantastic fiction (The Lord of the Rings and works by Ursula K. Le Guin, Paolo Bacigalupi, and Ray Bradbury, among others). We will also watch several visual works, including the films Soylent Green and Hayao Miyazaki's Princess Mononoke.	UG	FS

Fall 2022	Emily Balch Seminar Program	EMLY B001	014	Fantastic Fiction and the Environment	Despite dragons, spaceships, and alien encounters, fantasy and science fiction stories are “a means of understanding,” claims author Ursula K. Le Guin, and “a mirror of the real.” How, then, do we reconcile the imaginary landscapes presented in these stories with our actual and pressing environmental crises? What value does fantasy have, if it not as simply “escapist” or “untrue” stories? In this seminar, we will explore current environmental concerns through the dual lens of news media coverage of environmental issues and genre fiction, specifically science fiction and fantasy literature and film. We will investigate how the alternate views of the environment presented in works of fantastic fiction encourage us to rethink our assumptions regarding the human-made problems affecting our environment today. We will also use these works to examine our personal relationship towards the environment and consider the duty we have, if any, to help preserve and protect the world around us. Can fantastic stories spur real world action? We attempt to answer this question by applying several different eco-critical themes—deep ecology, feminist ecology, ecological utopias/dystopias, environmental racism—and reading excerpts from news media, eco-critical scholars, and fantastic fiction (The Lord of the Rings and works by Ursula K. Le Guin, Paolo Bacigalupi, and Ray Bradbury, among others). We will also watch several visual works, including the films Soylent Green and Hayao Miyazaki’s Princess Mononoke.	UG	FS
Spring 2023	Environmental Studies	ENVS B101	001	Introduction to Environmental Studies	The course offers a cross-disciplinary introduction to environmental studies. Tracing an arc from historical analysis to practical engagement, distinctive approaches to key categories of environmental inquiry are presented: political ecology, earth science, energy, economics, public health, ecological design, sustainability, public policy, and environmental ethics. Basic concepts, such as thermodynamics, biodiversity, cost-benefit analysis, scale, modernization, enclosure, the commons, and situational ethics, are variously defined and employed within specific explorations of environmental challenges in the modern world. No divisional credit is awarded for this course at Haverford nor does the course satisfy any of the Bryn Mawr approaches to inquiry.	UG	FS
Spring 2023	Environmental Studies	ENVS B202	001	Environment and Society	An exploration of the ways in which different cultural, economic, and political settings have shaped issue emergence and policy making. We examine the politics of particular environmental issues in selected countries and regions, paying special attention to the impact of environmental movements. We also assess the prospects for international cooperation in addressing global environmental problems such as climate change. Pre-requisite ENVS B101 or ENVS H101 or instructor's permission.	UG	FS
Spring 2023	Environmental Studies	ENVS B203	001	Environmental Humanities	Bringing the traditional focus of the humanities—questions of meaning, value, ethics, justice and the politics of knowledge production—into environmental domains calls for a radical reworking of a great deal of what we think we know about ourselves and our fields of inquiry. Inhabiting the difficult space of simultaneous critique and action, this course will re-imagine the proper questions and approaches of the humanities, asking how our accumulated knowledge and practice might be refashioned to meet current environmental challenges, to productively rethink ‘the human’ in more than human terms. In order to resituate the human within the environment, and to resituate nonhumans within cultural and ethical domains, we will draw on a range of texts and films, and engage in a range of critical and creative practices of our own.	UG	FS
Spring 2023	Environmental Studies	ENVS B203	002	Environmental Humanities	Bringing the traditional focus of the humanities—questions of meaning, value, ethics, justice and the politics of knowledge production—into environmental domains calls for a radical reworking of a great deal of what we think we know about ourselves and our fields of inquiry. Inhabiting the difficult space of simultaneous critique and action, this course will re-imagine the proper questions and approaches of the humanities, asking how our accumulated knowledge and practice might be refashioned to meet current environmental challenges, to productively rethink ‘the human’ in more than human terms. In order to resituate the human within the environment, and to resituate nonhumans within cultural and ethical domains, we will draw on a range of texts and films, and engage in a range of critical and creative practices of our own.	UG	FS
Fall 2022	Environmental Studies	EVNS B350	001	Carbon, Climate & Sea Level	This seminar explores recent biogeochemical literature on Earth’s short-term carbon cycle with a focus on climate-system feedbacks associated with sea level change.	UG	FS
Spring 2023	Geology	GEOL B104	001	The Science of Climate Change	A survey of the science behind climate change. Students will analyze climate data, read primary scientific literature, examine the drivers of climate change, and investigate the fundamental Earth processes that are affected. We will also examine deep-time climate change and the geologic proxies that Earth scientists use to understand climate change on many different time scales. This course is appropriate for students with little to no scientific background but is geared toward students who are considering a science major.	UG	FS
Spring 2023	Geology	GEOL B108	001	Earth’s Oceans: Past, Present, and Future	This course is designed to expose students to the fundamentals of oceanography with an emphasis on how Earth’s oceans are tied to life and climate and how we study these links in the present and in the fossil record. We will spend much time understanding how the modern ocean works and how biogeochemical cycles interact with it. A major focus will be how we can use the ocean’s past and present to make predictions about its future. This is a flipped course in which students study pre-recorded presentations outside of class.	UG	FS

Fall 2022	Geology	GEOL B350	001	Geology and Colonialism	This is a topics course. Course content varies. Recent topics include Geology and Colonialism, Carbonate Petrology, Appalachian Geology, Advanced Evolution, The Snowball Controversy, and Climate Change.	UG	FS
Fall 2022	Math	MATH B195	001	Intro to Math & Sustainability	Select topics in Math	UG	FS
Fall 2022	Philosophy	PHIL B225	001	Global Ethical Issues	The need for a critical analysis of what justice is and requires has become urgent in a context of increasing globalization, the emergence of new forms of conflict and war, high rates of poverty within and across borders and the prospect of environmental devastation. This course examines prevailing theories and issues of justice as well as approaches and challenges by non-western, post-colonial, feminist, race, class, and disability theorists.	UG	FS
Fall 22	Political Science	POLS B256	001	Global Politics of Climate Change	This course will introduce students to important political issues raised by climate change locally, nationally, and internationally, paying particular attention to the global implications of actions at the national and subnational levels. It will focus not only on specific problems, but also on solutions; students will learn about some of the technological and policy innovations that are being developed worldwide in response to the challenges of climate change.	UG	FS
Fall 2022	Sociology	SOCL B200	001	Urban Sociology	How do social forces shape the places we live? What makes a place urban? What is a suburb and why do we have them? What's environmental racism? Why are cities in the US still highly racially segregated? We will take on these questions and more in this introduction to urban sociology. Classic and contemporary urban social theories will inform our investigations of empirical research on pressing urban issues such as housing segregation, the environment, suburbanization, transportation and inequality. The course has a special focus on the social, economic and political forces that shape in urban space in ways that perpetuate inequality for African Americans.	UG	FS
Fall 2022	Anthropology	ANTH B281	001	Language in Social Context	This course provides an introduction to the concepts and methods of linguistic anthropology, which can help us understand the role language plays in constructing identities, creating social and political hierarchies, and shaping understandings and experiences of the world. The course considers topics relevant to the everyday life of language in the U.S. context, including the relationship between language and gender, race, and socioeconomic inequality, and uses ethnographic materials from a variety of cultural contexts to explore three perspectives that are central to linguistic anthropology. These are: language, power, and the linguistic market: how different languages and the ways of speaking get associated with particular social groups and become valued or devalued; linguistic ideologies and semiotic processes: how language as a system of signs becomes meaningful, to whom, and in what ways; poetics and performance: how people "do things with words" and how the non-referential (sonic, poetic) aspects of language matter.	UG	IS
Spring 2023	Anthropology	ANTH B102	001	Introduction to Cultural Anthropology	This course will explore the basic principles and methods of sociocultural anthropology. Through field research, direct observation, and participation in a group's daily life, sociocultural anthropologists examine the many ways that people organize their social institutions and cultural systems, ranging from the dynamics of life in small-scale societies to the transnational circulation of people, commodities, technologies and ideas. Sociocultural anthropology examines how many of the categories we assume to be "natural," such as kinship, gender, or race, are culturally and socially constructed. It examines how people's perceptions, beliefs, values, and actions are shaped by broader historical, economic, and political contexts. It is also a vital tool for understanding and critiquing imbalances of power in our contemporary world. Through a range of topically and geographically diverse course readings and films, and opportunities to practice ethnographic methodology, students will gain new analytical and methodological tools for understanding cultural difference, social organization, and social change.	UG	IS
Spring 2023	Anthropology	ANTH B102	002	Introduction to Cultural Anthropology	This course will explore the basic principles and methods of sociocultural anthropology. Through field research, direct observation, and participation in a group's daily life, sociocultural anthropologists examine the many ways that people organize their social institutions and cultural systems, ranging from the dynamics of life in small-scale societies to the transnational circulation of people, commodities, technologies and ideas. Sociocultural anthropology examines how many of the categories we assume to be "natural," such as kinship, gender, or race, are culturally and socially constructed. It examines how people's perceptions, beliefs, values, and actions are shaped by broader historical, economic, and political contexts. It is also a vital tool for understanding and critiquing imbalances of power in our contemporary world. Through a range of topically and geographically diverse course readings and films, and opportunities to practice ethnographic methodology, students will gain new analytical and methodological tools for understanding cultural difference, social organization, and social change.	UG	IS

Fall 2022	Anthropology	ANTH B213	01	Anthropology of Food	Food is part of the universal human experience. But everyday experiences of food also reveal much about human difference. What we eat is intimately connected with who we are, where we belong, and how we see the world. In this course, we will use a socio-cultural perspective to explore how food helps us form families, national and religious communities, and other groups. We will also consider how food may become a source of inequality, a political symbol, and a subject of social discord. Examining both practical and ideological meanings of food and taste, this course will address issues of identity, social difference, and cultural experience.	UG	IS
Fall 2022	Anthropology	ANTH B312	001	Anthropology of Reproduction	This course will examine how power in everyday life shapes reproductive behavior and how reproduction is culturally constructed. Through an examination of materials from different cultures, this course will look at how often competing interests within households, communities, states and institutions (at both the local and global levels) influence reproduction in society. We will explore the political economy of reproduction cross-culturally, how power and politics shape gendered reproductive behavior and how it is interpreted and used differently by persons, communities and institutions. Topics covered include but are not limited to the politics of family planning, mothering/parenting, abortion, pregnancy, pregnancy loss, fetal testing and biology and social policy in cross-cultural comparison.	UG	IS
Fall 2022	Anthropology	ANTH B331	001	Medical Anthropology Seminar	Advanced Medical Anthropology: Critical Thinking for Critical Times explores theoretical and applied frameworks used in medical anthropology to tackle pressing problems in our world today. Coupled with topical subjects and ethnographic examples, this seminar will enable students to delve deeply into sub-specialization areas in the field of medical anthropology, including: global health inequalities, cross-border disease transmission, genomics, science and technology studies, ethnomedicine, cross-cultural psychiatry/psychology, cross-cultural bioethics, and ecological approaches to studying health and behavior, among others.	UG	IS
Spring 2023	Biology	BIOL B111	001	Biological Explouration II	BIOL B111 is an introductory-level course designed to encourage students to explore the field of biology at multiple levels of organization: molecular, cellular, organismal and ecological. Lecture three hours, laboratory three hours a week. Spring 2023: BIOL B111 will explore how organisms interact with and adapt to their environments, both abiotic and biotic. Topics to be investigated include development, physiology, photosynthesis, ecology (population, community and ecosystem), and evolution.	UG	IS
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Spring 2023	Biology	BIOL B255	001	Microbiology	Invisible to the naked eye, microbes occupy every niche on the planet. This course will examine how microbes have become successful colonizers; review aspects of interactions between microbes, humans and the environment; and explore practical uses of microbes in industry, medicine and environmental management.	UG	IS
Fall 2022	Chemistry	CHEM B103	003	General Chemisry I	This is an introductory course in chemistry, open to students with no previous chemistry experience. Topics include aqueous solutions and solubility; the electronic structure of atoms and molecules; chemical reactions and energy; intermolecular forces. Examples discussed in lecture and laboratory include applications of the material to environmental sciences, material science and biological chemistry. Lecture three hours, recitation one hour and laboratory three hours a week.	UG	IS
Fall 2022	Chemistry	CHEM B103	001	General Chemisry I	This is an introductory course in chemistry, open to students with no previous chemistry experience. Topics include aqueous solutions and solubility; the electronic structure of atoms and molecules; chemical reactions and energy; intermolecular forces. Examples discussed in lecture and laboratory include applications of the material to environmental sciences, material science and biological chemistry. Lecture three hours, recitation one hour and laboratory three hours a week.	UG	IS
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Spring 2023	CHEM	CHEM B104	001	General Chemistry II	For students who have completed General Chemistry I or have some previous work in chemistry. Topics include chemical kinetics; aqueous solutions and solubility; chemical equilibrium; electrochemistry; thermochemistry. Examples discussed in lecture and laboratory workshop include nuclear chemistry, geochemistry, environmental sciences, material sciences and biological chemistry.	UG	IS

Spring 2023	CHEM	CHEM B104	002	General Chemistry II	For students who have completed General Chemistry I or have some previous work in chemistry. Topics include chemical kinetics; aqueous solutions and solubility; chemical equilibrium; electrochemistry; thermochemistry. Examples discussed in lecture and laboratory workshop include nuclear chemistry, geochemistry, environmental sciences, material sciences and biological chemistry.	UG	IS
Fall 2022	Growth and Structure of the City	CITY B201	002	Introduction to GIS for Social and Environmental Analysis	This course is designed to introduce the foundations of GIS with emphasis on applications for social and environmental analysis. It deals with basic principles of GIS and its use in spatial analysis and information management. Ultimately, students will design and carry out research projects on topics of their own choosing.	UG	IS
Fall 2022	Growth and Structure of the City	CITY B185	001	Urban Culture and Society	Examines techniques and questions of the social sciences as tools for studying historical and contemporary cities. Topics include political-economic organization, conflict and social differentiation (class, ethnicity and gender), and cultural production and representation. Philadelphia features prominently in discussion, reading and exploration as do global metropolitan comparisons through papers involving fieldwork, critical reading and planning/problem solving using qualitative and quantitative methods.	UG	IS
Fall 2022	Growth and Structure of the City	CITY B185	002	Urban Culture and Society	Examines techniques and questions of the social sciences as tools for studying historical and contemporary cities. Topics include political-economic organization, conflict and social differentiation (class, ethnicity and gender), and cultural production and representation. Philadelphia features prominently in discussion, reading and exploration as do global metropolitan comparisons through papers involving fieldwork, critical reading and planning/problem solving using qualitative and quantitative methods.	UG	IS
Spring 2023	Growth and Structure of the City	CITY B190	001	The form of the City: Urban Form from Antiquity to the Present	This course studies the city as a three-dimensional artifact. A variety of factors, geography, economic and population structure, politics, planning, and aesthetics are considered as determinants of urban form.	UG	IS
Fall 2022	Growth and Structure of the City	CITY B201	001	Introduction to GIS for Social and Environmental Analysis	This course is designed to introduce the foundations of GIS with emphasis on applications for social and environmental analysis. It deals with basic principles of GIS and its use in spatial analysis and information management. Ultimately, students will design and carry out research projects on topics of their own choosing.	UG	IS
Spring 2023	Growth and Structure of the City	CITY B229	001	Migration, Race, and Conflict	This intensive writing class examines how cities attract diverse peoples, how these people create lives, separate and struggle and how we might achieve more integrated communities. Case studies will be Paris, Hong Kong, Los Angeles and São Paulo.	UG	IS
Spring 23	Growth and Structure of the City	CITY B365		Making & Remaking Philadelphia	Current topic description: This course explores how governance, politics, economics, planning, and community and social action have shaped and continue to shape modern American cities, with a special focus on Philadelphia. Course content will include theoretical, historical, academic, and popular texts. Students will have the opportunity to interact with guest speakers active in various aspects of Philadelphia's urban landscape	UG	IS
Fall 2022	Economics	ECON B236	001	Economics of Discrimination and Inequality	An introduction to international economics through theory, policy issues, and problems. The course surveys international trade and finance, as well as topics in international economics. It investigates why and what a nation trades, the consequences of such trade, globalized production, the role of trade policy, the economics of immigration, the behavior and effects of exchange rates, and the macroeconomic implications of trade and capital flows.	UG	IS
Fall 2022	Economics	ECON B317	001	The Economics of Agricultural and Rural Development	Close to 900 million people living in extreme poverty live in rural regions and derive their income from agriculture. Many of them practice subsistence farming, consuming only what they grow. This class examines the economics of agricultural systems in poor countries, the challenges facing them, and why they account for such a large share of the world's poor. The class will do this from the perspectives of microeconomic theory, econometric research, development economics, environmental economics, and political economy.	UG	IS
Spring 2023	Economics	ECON B394	001	Research Seminar: Labor Economics	Thesis seminar. Each student does a semester-long research project on a relevant topic of interest. Research topics in discrimination, unionization, human capital, migration, labor supply, labor demand, and employment/unemployment are appropriate.	UG	IS
Spring 2023	Education	EDU B295	001	Exploring and Enacting Transformation of Hig	As institutions of higher education embrace and even seek greater diversity, we also see an increase in tensions born of differences across which we have little preparation to communicate, learn, and live. This course will be co-created by students enrolled and the instructor, and it will provide a forum for exploration of diversity and difference and a platform for action and campus-wide education. Extensive, informal writing and more formal research and presentations will afford you the opportunity to craft empowering narratives for yourselves and your lives and to take research and teaching beyond the classroom. Two to three hours of campus-based field work required each week.	UG	IS

Fall 2022	Emily Balch Seminar Program	Emily Balch Seminar Program	023	Poverty, Affluence and American Culture	Whether dramatized by images of the Great Depression and post-Katrina New Orleans, or by the number of Americans lacking health insurance or facing foreclosure, poverty is one of the most persistent problems and controversial issues in the United States. Along with its obvious economic dimensions, poverty has a wide variety of political and cultural meanings. Through a selective, critical examination of scholarly works, journalism, novels, and movies, this Balch Seminar will explore the related themes of poverty, wealth, and the American Dream in the U.S., from the 1860s to the present. Using work from authors and directors as diverse as Benjamin Franklin, Malcolm X, Barbara Ehrenreich, Sandra Cisneros, and Richard Wright, the course will look at how poverty, poor people, and class mobility have been discussed and represented in the United States, and it will provide an opportunity to explore how class and economic advancement impact how we see the meaning of America.	UG	IS
Fall 2022	Emily Balch Seminar Program	Emily Balch Seminar Program	024	Poverty, Affluence and American Culture	Whether dramatized by images of the Great Depression and post-Katrina New Orleans, or by the number of Americans lacking health insurance or facing foreclosure, poverty is one of the most persistent problems and controversial issues in the United States. Along with its obvious economic dimensions, poverty has a wide variety of political and cultural meanings. Through a selective, critical examination of scholarly works, journalism, novels, and movies, this Balch Seminar will explore the related themes of poverty, wealth, and the American Dream in the U.S., from the 1860s to the present. Using work from authors and directors as diverse as Benjamin Franklin, Malcolm X, Barbara Ehrenreich, Sandra Cisneros, and Richard Wright, the course will look at how poverty, poor people, and class mobility have been discussed and represented in the United States, and it will provide an opportunity to explore how class and economic advancement impact how we see the meaning of America.	UG	IS
Fall 2022	Liturature in English	ENGL B217	001	Narratives of Latinidad	This course explores how Latina/o writers fashion bicultural and transnational identities and narrate the intertwined histories of the U.S. and Latin America. We will focus on topics of shared concern among Latino groups such as struggles for social justice, the damaging effects of machismo and racial hierarchies, the politics of Spanglish, and the affective experience of migration. By analyzing a range of cultural production, including novels, poetry, testimonial narratives, films, activist art, and essays, we will unpack the complexity of Latinidad in the Americas.	UG	IS
Fall 2022	Liturature in English	ENGL B306	001	Global Nineteenth -Century Literature	The nineteenth century has been called the first global century. New technologies transformed international communication and transportation, while wars of imperial conquest reshaped global politics. More translations—and more books in general— were published, and were circulated more widely, than ever before. Literary traditions from around the planet came into newly constant contact. This class will engage with a broad cross-section of literary works, some originally in English and others in translation, from six continents and many genres. We will analyze how networks of travel, exchange, influence, and circulation affected nineteenth-century writing and, in turn, how writers used literature to think about those issues. We will therefore pay particular attention to issues that shaped nineteenth-century culture in specifically transnational ways: empire, slavery, gender, industrialization, and nationhood.	UG	IS
Spring 2023	Liturature in English	ENGL B382	001	Speculative Futures, Alternative Worlds	Just as colonization is an act of speculative fiction, imagining and violently imposing a different world, so too does decolonization rely on the power of imagination. This course will explore how Latinx, Black, Indigenous, and Asian American cultural producers deploy speculative fiction to interrogate white supremacy and imperialism and to imagine decolonial futures. We will analyze representations of racism, settler colonialism, heteropatriarchy, environmental destruction, and anti-immigrant discrimination in works by writers, filmmakers, and artists such as Octavia Butler, Sabrina Vourvoulias, N.K. Jemison, Ken Liu, Alex Rivera, Edgardo Miranda-Rodriguez, as well as anthologies such as Walking the Clouds and Nets for Snaring the Sun. In doing so, we will probe the role that literature, film, and graphic narratives can play in decolonizing knowledge. Students will be also introduced to key theoretical concepts such as modernity/coloniality; ethnic futurisms (Afro-Futurism, Latinxfuturism, Indigenous Futurism, etc.); marvelous realism; survivance, and social death that will help them unpack the critical work accomplished by genre fiction and query the ways in which the aesthetic imagination can contribute to social justice.	UG	IS
Fall 2022	Geology	GEOL B101	001	How the Earth Works	An introduction to the study of planet Earth—the materials of which it is made, the forces that shape its surface and interior, the relationship of geological processes to people, and the application of geological knowledge to the search for useful materials. Laboratory and fieldwork focus on learning the tools for geological investigations and applying them to the local area and selected areas around the world.	UG	IS
Fall 2022	Geology	GEOL B101	002	How the Earth Works	An introduction to the study of planet Earth—the materials of which it is made, the forces that shape its surface and interior, the relationship of geological processes to people, and the application of geological knowledge to the search for useful materials. Laboratory and fieldwork focus on learning the tools for geological investigations and applying them to the local area and selected areas around the world.	UG	IS

Fall 2022	Geology	GEOL B101	003	How the Earth Works	An introduction to the study of planet Earth—the materials of which it is made, the forces that shape its surface and interior, the relationship of geological processes to people, and the application of geological knowledge to the search for useful materials. Laboratory and fieldwork focus on learning the tools for geological investigations and applying them to the local area and selected areas around the world.	UG	IS
Fall 2022	Geology	GEOL B203	001	Biosphere Through Time	We will explore how the Earth-life system has evolved through time by studying the interactions between life, climate, and tectonic processes. During the lab component of the course, we will study important fossil groups to better understand their paleoecology and roles in the Earth-life system.	UG	IS
Fall 2022	History	HIST B102	001	Introduction to African Civilizations	The course is designed to introduce students to the history of African and African Diaspora societies, cultures, and political economies. We will discuss the origins, state formation, external contacts, and the structural transformations and continuities of African societies and cultures in the context of the slave trade, colonial rule, capitalist exploitation, urbanization, and westernization, as well as contemporary struggles over authority, autonomy, identity and access to resources. Case studies will be drawn from across the continent.	UG	IS
Spring 2023	History	HIST B236	001	African History since 1800	The course analyzes the history of Africa in the last two hundred years in the context of global political economy. We will examine the major themes in modern African history, including the 19th-century state formation, expansion, or restructuring; partition and resistance; colonial rule; economic, social, political, religious, and cultural developments; nationalism; post-independence politics, economics, and society, as well as conflicts and the burden of disease. The course will also introduce students to the sources and methods of African history.	UG	IS
Fall 2022	Health Studies	HLTH B115	001	Introduction to Health Studies	The multidisciplinary foundation for the health studies minor. Students will be introduced to theories and methods from the life sciences, social sciences, and humanities and will learn to apply them to problems of health and illness. Topics include epidemiological, public health, and biomedical perspectives on health and disease; social, behavioral, and environmental determinants of health; globalization of health issues; cultural representations of illness; health inequalities, social justice, and health as a human right.	UG	IS
Fall 2022	Health Studies	HLTH B115	002	Introduction to Health Studies	The multidisciplinary foundation for the health studies minor. Students will be introduced to theories and methods from the life sciences, social sciences, and humanities and will learn to apply them to problems of health and illness. Topics include epidemiological, public health, and biomedical perspectives on health and disease; social, behavioral, and environmental determinants of health; globalization of health issues; cultural representations of illness; health inequalities, social justice, and health as a human right.	UG	IS
Spring 2023	Health Studies	HLTH B115	001	Introduction to Health Studies	The multidisciplinary foundation for the health studies minor. Students will be introduced to theories and methods from the life sciences, social sciences, and humanities and will learn to apply them to problems of health and illness. Topics include epidemiological, public health, and biomedical perspectives on health and disease; social, behavioral, and environmental determinants of health; globalization of health issues; cultural representations of illness; health inequalities, social justice, and health as a human right.	UG	IS
Spring 2023	Health Studies	HLTH B115	002	Introduction to Health Studies	The multidisciplinary foundation for the health studies minor. Students will be introduced to theories and methods from the life sciences, social sciences, and humanities and will learn to apply them to problems of health and illness. Topics include epidemiological, public health, and biomedical perspectives on health and disease; social, behavioral, and environmental determinants of health; globalization of health issues; cultural representations of illness; health inequalities, social justice, and health as a human right.	UG	IS
Fall 2022	Transnational Italian Studies	ITAL B316	001	Mountaineering Heros: Masculinity and Nation Building	Narration is an intrinsic component of the practice of mountaineering: ascents are conducted in isolation and need to be documented in order to be validated. In the 20th century, with the professionalization of this practice, mountaineering narratives became widespread across a broad range of genres and platforms - from the memoirs of illustrious alpinists to novels and short stories, to propaganda material and articles in popular magazines. In this course, we will focus on Italian mountaineering heroes, exploring how their construction and evolution was shaped by models of masculinity and (less frequently) of womanhood, colonialism and nation-building ideals, and by shifting understandings of the relationship between humans and the environment. We will discuss the symbolical and political role of alpine ascents in the Italian unification and in the first world war. We will study Fascist alpinists and the legacy of Fascist, individualist and white supremacist rhetoric in today's mountaineering narratives. At the same time, however, we will encounter groups of alpinists and climbers who challenged this rhetoric, seeking to reframe ascents as play, rather than conquest, influenced by youth movements and the novel American alpinist.	UG	IS

Fall 2022	Philosophy	PHIL B102	001	Science and Morality in Modernity	In this course, we explore answers to fundamental questions about the nature of the world and our place in it by examining the works of some of the central figures in modern western philosophy. Can we obtain knowledge of the world and, if so, how? Does God exist? What is the nature of the self? How do we determine morally right answers? What sorts of policies and political structures can best promote justice and equality? These questions were addressed in "modern" Europe in the context of the development of modern science and the religious wars. In a time of globalization we are all, more or less, heirs of the Enlightenment which sees its legacy to be modern science and the mastery of nature together with democracy and human rights. This course explores the above questions and considers them in their historical context. Some of the philosophers considered include Descartes, Locke, Hume, Kant, and Wollstonecraft.	UG	IS
Fall 2022	Philosophy	PHIL B102	002	Science and Morality in Modernity	In this course, we explore answers to fundamental questions about the nature of the world and our place in it by examining the works of some of the central figures in modern western philosophy. Can we obtain knowledge of the world and, if so, how? Does God exist? What is the nature of the self? How do we determine morally right answers? What sorts of policies and political structures can best promote justice and equality? These questions were addressed in "modern" Europe in the context of the development of modern science and the religious wars. In a time of globalization we are all, more or less, heirs of the Enlightenment which sees its legacy to be modern science and the mastery of nature together with democracy and human rights. This course explores the above questions and considers them in their historical context. Some of the philosophers considered include Descartes, Locke, Hume, Kant, and Wollstonecraft.	UG	IS
Fall 2022	Philosophy	PHIL B221	001	Ethics	An introduction to ethics by way of an examination of moral theories and a discussion of important ancient, modern, and contemporary texts which established theories such as virtue ethics, deontology, utilitarianism, relativism, emotivism, care ethics. This course considers questions concerning freedom, responsibility, and obligation. How should we live our lives and interact with others? How should we think about ethics in a global context? Is ethics independent of culture? A variety of practical issues such as reproductive rights, euthanasia, animal rights and the environment will be considered.	UG	IS
Fall 2022	Philosophy	PHIL B221	002	Ethics	An introduction to ethics by way of an examination of moral theories and a discussion of important ancient, modern, and contemporary texts which established theories such as virtue ethics, deontology, utilitarianism, relativism, emotivism, care ethics. This course considers questions concerning freedom, responsibility, and obligation. How should we live our lives and interact with others? How should we think about ethics in a global context? Is ethics independent of culture? A variety of practical issues such as reproductive rights, euthanasia, animal rights and the environment will be considered.	UG	IS
Fall 2022	Philosophy	PHIL B238	001	Science Technology and the Good Life	"Science, Technology, and the Good Life" considers the relation of science and technology to each other and to everyday life, particularly with respect to questions of ethics and politics. In this course, we try to get clear about how we understand these domains and their interrelationships in our contemporary world. We try to clarify the issues relevant to these questions by looking at the contemporary debates about the role of automation and digital media and the problem of climate change. These debates raise many questions including: the appropriate model of scientific inquiry (is there a single model for science?, how is science both experimental and deductive?, is science merely trial and error?, is science objective?, is science value-free?), the ideological standing of science (has science become a kind of ideology?), the autonomy of technology (have the rapidly developing technologies escaped our power to direct them?), the politics of science (is science somehow essentially democratic?, and are "scientific" cultures more likely to foster democracy?, or is a scientific culture essentially elitist and autocratic?), the relation of science to the formation of public policy (experts rule?, are we in or moving toward a technocracy?), the role of technology and science in the process of modernization, Westernization, and globalization (what role has science played in industrialization and what role does it now play in a post-industrial world?). To find an appropriate way to consider these questions, we look at the pairing of science with democracy in the Enlightenment project and study contemporary work in the philosophy of science, political science, and ethics.	UG	IS
Fall 2022	Political Science	POLS B141	001	Introduction to International Politics	An introduction to international relations, exploring its main subdivisions and theoretical approaches. Phenomena and problems in world politics examined include systems of power management, imperialism, globalization, war, bargaining, and peace. Problems and institutions of international economy and international law are also addressed. This course assumes a reasonable knowledge of modern world history.	UG	IS
Spring 2023	Political Science	POLS B224	001	Comparative Political Phil: China, Greece and the "west"	An introduction to the dialogic construction of comparative political philosophy, using texts from several cultures or worlds of thought: ancient and modern China, ancient Greece, and the modern West. The course will have three parts. First, a consideration of the synchronous emergence of philosophy in ancient (Axial Age) China and Greece; second, the 19th century invention of the modern "West" and Chinese responses to this development; and third, the current discussions and debates about globalization, democracy, and human rights now going on in China and the West.	UG	IS

Fall 2022	Political Science	POLS B249	001	Politics of Economic Development	How do we explain the variations of political and economic systems in the world? What is the relationship between the state and the market? To what extent does the timing of industrialization affect the viability of certain developmental strategies? This seminar introduces the intellectual history of comparative political economy and development studies with readings on both comparative political economy and international political economy. First, we will examine the debates on the dynamics of the state and the market in the development and globalization process. Second, we will explore specific case studies to discuss: 1) how the political and economic processes have changed in response to the interaction of the domestic and international arenas, 2) whether and how the late developers learned from the experiences of early developers, 3) how the international economy and international financial crisis shaped domestic development strategies. Lastly, we will analyze the developmental concerns at the sub-national level with financial liberalization.	UG	IS
Spring 2023	Political Science	POLS B339	001	Bureaucracy & Democracy in America	This course is an upper-level seminar designed primarily for juniors and seniors who want to spend the Semester reading about and discussing the role of the federal bureaucracy in the U.S. political system. Topics will include the history of the federal bureaucracy, the bureaucratic policymaking process & administrative law, the roles of expertise and politics in agency decision-making, the competition among the three constitutional branches to "control" the bureaucracy, and the normative goals of competence, responsiveness and representativeness. Discussion of current events - including the federal government's response to COVID and the role of race in public administration - will be a central part of the seminar. Attention will also be paid - and assignments oriented towards - preparing students for the Senior Experience. Counts Toward Environmental Studies	UG	IS
Fall 2022	Political Science	POLS B391	001	International Political Economy	This seminar examines the growing importance of economic issues in world politics and traces the development of the modern world economy from its origins in colonialism and the industrial revolution, through to the globalization of recent decades. Major paradigms in political economy are critically examined. Aspects of and issues in international economic relations such as development, finance, trade, migration, and foreign investment are examined in the light of selected approaches. This course is open to all students who have the prerequisites. Prerequisite: One course in International Politics or Economics is required. Preference is given to seniors although juniors are accepted.	UG	IS
Fall 2022	Sociology	SOCL B225	001	Women in Society	In 2015, the world's female population was 49.6 percent of the total global population of 7.3 billion. According to the United Nations, in absolute terms, there were 61,591,853 more men than women. Yet, at the global scale, 124 countries have more women than men. A great majority of these countries are located in what scholars have recently been referring to as the Global South – those countries known previously as developing countries. Although women outnumber their male counterparts in many Global South countries, however, these women endure difficulties that have worsened rather than improving. What social structures determine this gender inequality in general and that of women of color in particular? What are the main challenges women in the Global South face? How do these challenges differ based on nationality, class, ethnicity, skin color, gender identity, and other axes of oppression? What strategies have these women developed to cope with the wide variety of challenges they contend with on a daily basis? These are some of the major questions that we will explore together in this class. In this course, the Global South does not refer exclusively to a geographical location, but rather to a set of institutional structures that generate disadvantages for all individuals and particularly for women and other minorities, regardless their geographical location in the world. In other words, a significant segment of the Global North's population lives under the same precarious conditions that are commonly believed as exclusive to the Global South. Simultaneously, there is a Global North embedded in the Global South as well. In this context, we will see that the geographical division between the North and the South becomes futile when we seek to understand the dynamics of the "Western-centric/Christian-centric capitalist/patriarchal modern/colonial world-system" (Grosfoguel, 2012). In the first part of the course, we will establish the theoretical foundations that will guide us throughout the rest of the semester. We will then turn to a wide variety of case studies where we will examine, for instance, the contemporary global division of labor, gendered violence in the form of feminicides, international migration, and global tourism. The course's final thematic section will be devoted to learning from the different feminisms (e.g. community feminism) emerging out of the Global South as well as the research done in that region and its contribution to the development of a broader gender studies scholarship. In particular, we will pay close attention to resistance, solidarity, and social movements led by women. Examples will be drawn from Latin America, the Caribbean, the US, Asia, and Africa.	UG	IS

Fall 2022	Sociology	SOCL B232	001	A Sociological Journey to Immigrant Communities in Philadelphia	This course will use the lenses of sociology to critically and comparatively examine various immigrant communities living in greater Philadelphia. It will expose students to the complex historical, economic, political, and social factors influencing (im)migration, as well as how migrants and the children of immigrants develop their sense of belonging and their homemaking practices in the new host society. In this course, we will probe questions of belonging, identity, homemaking, citizenship, transnationalism, and ethnic entrepreneurship and how individuals, families, and communities are transformed locally and across borders through the process of migration. This course also seeks to interrogate how once in a new country, immigrant communities not only develop a sense of belonging but also how they reconfigure their own identities while they transform the social, physical, and cultural milieus of their new communities of arrival. To achieve these ends, this course will engage in a multidisciplinary approach consisting of materials drawn from such disciplines as cultural studies, anthropology, history, migration studies, and sociology to examine distinct immigrant communities that have arrived in Philadelphia over the past 100 years. Although this course will also cover the histories of migrant communities arriving in the area in the late 19th and early 20th centuries, a greater part of the course will focus on recent migrant communities, mainly from Africa, Asia, Latin America, and the Caribbean and arriving in the area of South Philadelphia. A special focus will be on the Mexican American migrant community that stands out among those newly arrived migrant communities.	UG	IS
Fall 2022	Sociology	SOCL B317	001	Comparative social Policy: Cuba, China, US, Scandiavia	This course will examine different countries' policy choices to address different societal challenges. Four societal types - socialist (Cuba), post-socialist (China), capitalist (US), and social-democratic (Scandinavia) - will be studied to help us understand how these different kinds of societies conceive of social problems and propose and implement attempted solutions. We will examine particular problems/solutions in four domains: health/sports; education; environment; technological development. As we explore these domains, we will attend to methodological issues involved in making historical and institutional comparisons	UG	IS
Fall 2022	Spanish	SPAN B241	001	Poetics of Social Justice: Minorities in Spain	This course, conducted in Spanish, is organized around political, cultural and social issues that concern ethnic minorities in Spain, particularly the Roma (gitanos) and the immigrants from Latin America and Africa. We will start by placing in its historical context the question of race and racism in Spain as a sociopolitical construct and a system of oppression. When studying the Roma people, we will discuss how flamenco art is a direct response to issues of discrimination and persecution, a means of resistance and a form of activism. At the same time that we will learn the basics of flamenco dance, we will consider the role of this art in areas such as religion, politics, and studies of race and gender. Our approach to immigration issues will consider topics of power relations, race, gender and class under new lenses such as decolonization, human rights and social justice. The readings in this course will include a diversity of original materials (plays, narrations, poetry, testimonies, newspaper articles, documentaries or films). Students will write reflections, analysis and responses on these texts, which will then be transformed into creative writing pieces such as dialogues, poems, short stories, blogs and other creative expressions, which will be shared with the class through presentations and performance.	UG	IS