

# SUSTAINABILITY COURSE GUIDE

Cornell University considers sustainability an essential part of its mission to create a collaborative environment that empowers students to recognize the significance of current and future environmental challenges and identify innovative solutions to overcome them.

With sustainability as a key focus, Cornell integrates concepts and practices across all disciplines, from architecture, engineering, to the arts. Over 20% of current course offerings have a primary and explicit emphasis on sustainability, or integration of sustainability concepts into their course content.

A sustainability course may:

- Have the primary and explicit focus on sustainability as an integrated concept having social, economic, and environmental dimensions and/or on understanding or solving one or more major sustainability challenge.
- Be primarily focused on a topic other than sustainability but incorporates a unit or module on sustainability or a sustainability challenge, includes one or more sustainability-focused activities, or integrates sustainability issues throughout the course as a concept having social, economic, and environmental dimensions.

The university's commitment to sustainability is continually expanding, as themes of environmental protection, social equity, and economic justice are increasingly integrated into more course curricula.

Learn more about sustainability at Cornell at the Sustainable Campus website (<https://sustainablecampus.cornell.edu/focus-areas/living-laboratory/sustainability-courses-degree-programs/>).

## Sustainability Courses (CU-SBY)

Code	Title	Hours
AEM 1500	An Introduction to the Economics of Environmental and Natural Resources	3
AEM 1600	The Business of Modern Medicine	1.5
AEM 2000	Contemporary Controversies in the Global Economy	3
AEM 2350	Introduction To The Economics Of Development	3
AEM 2500	Environmental and Resource Economics	3
AEM 2555	Corporate Sustainability	3
AEM 2770	Excursions in Computational Sustainability	3
AEM 2816	Climate-Smart Agribusiness	3
AEM 2818	Sustainable Arguments	3
AEM 3020	Farm Business Management	4
AEM 3115	Evaluation of Green Energy Strategies and Markets	3
AEM 3270	Supply Chain Strategy and Supermarket Simulation	3
AEM 3385	Social Entrepreneurship Practicum: Anabel's Grocery	3
AEM 4090	Environmental Finance and Markets	3
AEM 4415	Pre-Engagement with Social Enterprises in Emerging Markets	1.5
AEM 4421	Research and Strategy in Emerging Markets	3

AEM 4450	Toward a Sustainable Global Food System: Food Policy for Developing Countries	3
AEM 4485	Economics of Food and Malnutrition	3
AEM 4500	Resource Economics	3
AEM 4510	Environmental Economics	3
AEM 4585	Sustainable Business	3
AEM 4681	Impact Finance	3
AEM 4880	Global Food, Energy, and Water Nexus – Engage the US, China, and India for Sustainable Future	3-4
AEM 5270	Supply Chain Strategy and Supermarket Simulation	3
AEM 5300	CEMS Block Seminar	1.5
AEM 5415	Pre-Engagement with Social Enterprises in Emerging Markets	1.5
AEM 5421	Research and Strategy in Emerging Markets	3
AEM 5500	Resource Economics	3
AEM 5585	Sustainable Business	3
AEM 6090	Environmental Finance and Markets	3
AEM 6300	Policy Analysis: Welfare Theory, Agriculture, and Trade	4
AEM 6455	Toward a Sustainable Global Food System: Food Policy for Developing Countries	3
AEM 6485	Economics of Food and Malnutrition	3
AEM 6510	Environmental and Resource Economics	3
AEM 6681	Impact Finance	3
AEM 7021	Applied Microeconomics II: General Equilibrium	3
AEM 7500	Resource Economics	3
AEM 7510	Environmental Economics	3
AEM 7852	Sustainable Environment, Energy and Resource Economics Research Seminar	1.5
AEP 4130	Introduction to Nuclear Science and Engineering	3
AEP 4840	Introduction to Controlled Fusion: Principles and Technology	3
AEP 5500	Applied Solid State: Physics of Renewable Energy	3
AIIS 1110	Indigenous Issues in Global Perspectives	3
AIIS 2600	Introduction to Native American Literature	3
AIIS 3330	Ways of Knowing: Indigenous and Place-Based Ecological Knowledge	3
AIIS 3500	Gaza, Indigeneity, Resistance	3
AIIS 3560	Thinking from a Different Place: Indigenous Philosophies	3
ALS 3020	Farm Business Management	4
AMST 1104	Race and Ethnicity in the United States: Social Constructs, Real World Consequences	3
AMST 1290	American Society through Film	3
AMST 1601	Indigenous Issues in Global Perspectives	3
AMST 2208	Social Inequality	4
AMST 2225	Controversies About Inequality	4
AMST 2256	Schooling and Society	3
AMST 2280	Capitalism, Socialism and Democracy	3
AMST 2581	Environmental History	4
AMST 2600	Introduction to Native American Literature	3
AMST 2751	Introduction to Humanities	3

AMST 3185	Living in an Uncertain World: Science, Technology, and Risk	4	ARCH 4601	Ecological Literacy and Design	3
AMST 3330	Ways of Knowing: Indigenous and Place-Based Ecological Knowledge	3	ARCH 4619	Special Topics in Environmental Systems and Conservation	3
AMST 3380	Urban Inequality	3	ARCH 4698	Special Investigations in Environmental Systems and Conservation	1-3
AMST 3562	Thinking from a Different Place: Indigenous Philosophies	3	ARCH 5611	Environmental Systems I: Introduction to Sustainable Design	3
AMST 3629	After Nature: Art and Environmental Imagination	4	ARKEO 2201	Early Agriculture	3
AMST 7417	Ecopolitics	3	ARKEO 2729	Climate, Archaeology and History	3
ANSC 1120	Sustainable Animal Husbandry	3	ARKEO 2750	Introduction to Humanities	3
ANSC 1200	Contemporary Dairy Industry Topics and Issues	1	ARKEO 6729	Climate, Archaeology and History	3
ANSC 1250	Applied Dairy and Food Production Field Experience	1.5	ARTH 2750	Introduction to Humanities	3
ANSC 2000	Sustainable Food and Companion Animal Systems and Perspectives	3	ARTH 3620	After Nature: Art and Environmental Imagination	4
ANSC 2500	Dairy Cattle Principles	3	ARTH 6624	After Nature: Art and Environmental Imagination	4
ANSC 2551	Dairy Study Trip to Italy II	0.5	ASIAN 2273	Religion and Ecological Sustainability	3
ANSC 2552	Dairy Study Trip to Italy III	0.5	ASIAN 3331	Opt Out, Tune In: Hermits, Pilgrims and Dharma Bums, from East Asia to Ithaca	3
ANSC 3300	Fish Physiology	3	ASRC 1860	FWS: A Dream, not a Nightmare: Martin Luther King, Jr. and the Quest for Justice	3
ANSC 3310	Applied Dairy Cattle Genetics	2	ASRC 2750	Introduction to Humanities	3
ANSC 3450	Reproductive Physiology and Management of Dairy Cattle	3	BEE 2000	Perspectives on the Climate Change Challenge	1.5
ANSC 3510	Dairy Herd Management	4	BEE 2510	Engineering Processes for Environmental Sustainability	3
ANSC 3540	Dairy Cattle Herd Health	3	BEE 3299	Sustainable Development	3
ANSC 3561	International Dairy Study Trip II	0.5	BEE 3710	Physical Hydrology for Ecosystems	3
ANSC 3562	International Dairy Study Trip III	0.5	BEE 3900	Bio-Robotics	3
ANSC 3600	Beef Cattle Production	3	BEE 4310	Environmental Statistics and Learning	4
ANSC 4110	Integrated Cattle Nutrition	4	BEE 4500	Bioinstrumentation	3-4
ANSC 4120	Whole-Farm Nutrient Management	4	BEE 4620	Water Quality and Management	3
ANSC 4880	Global Food, Energy, and Water Nexus – Engage the US, China, and India for Sustainable Future	3-4	BEE 4710	Introduction to Groundwater	3
ANSC 5300	Fish Physiology	3	BEE 4730	Watershed Engineering	4
ANSC 5450	Reproductive Physiology and Management of Dairy Cattle	3	BEE 4750	Environmental Systems Analysis	3
ANSC 5510	Dairy Herd Management	4	BEE 4800	Atmospheric Chemistry: From Air Pollution to Global Change	3
ANSC 5540	Dairy Cattle Herd Health	3	BEE 4830	Engineering Sustainability	3
ANSC 6110	Integrated Cattle Nutrition	4	BEE 4880	Applied Modeling and Simulation for Renewable Energy Systems	3
ANTHR 2201	Early Agriculture	3	BEE 5299	Sustainable Development	3
ANTHR 2437	Economy, Power, and Inequality	3	BEE 5459	Energy Seminar I	1
ANTHR 2440	The Social Life of Money	3	BEE 5469	Energy Seminar II	1
ANTHR 2482	Anthropology of Climate Change	3	BEE 5710	Physical Hydrology for Ecosystems	3
ANTHR 2729	Climate, Archaeology and History	3	BEE 5730	Watershed Engineering	4
ANTHR 4101	The Entangled Lives of Humans and Animals	4	BEE 5750	Environmental Systems Analysis	3
ANTHR 4437	Ethnographies of Development	4	BEE 5900	Bio-Robotics	3
ANTHR 4478	Taboo and Pollution	3	BEE 6310	Environmental Statistics and Learning	4
ANTHR 4530	Mental Health, Healing Systems, Community-Based Care: Resilience in the Nilgiris Biosphere Reserve	4	BEE 6620	Water Quality and Management	3
ANTHR 6729	Climate, Archaeology and History	3	BEE 6640	Sustainable Bioenergy Production on Marginal Lands of New York and the Northeast	1
ANTHR 7417	Ecopolitics	3	BEE 6710	Introduction to Groundwater	3
ANTHR 7437	Ethnographies of Development	4	BEE 6800	Atmospheric Chemistry: From Air Pollution to Global Change	3
ANTHR 7478	Taboo and Pollution	3	BEE 6830	Engineering Sustainability	3
ARCH 1611	Environmental Systems I: Introduction to Sustainable Design	3	BEE 6880	Applied Modeling and Simulation for Renewable Energy Systems	3

BIOAP 3300	Fish Physiology	3	BSOC 3441	Insect Conservation Biology	3
BIOAP 5300	Fish Physiology	3	BSOC 4101	The Entangled Lives of Humans and Animals	4
BIOCB 4100	Advanced Conservation Biology	4	BSOC 4131	Comparative Environmental History	3
BIOEE 1540	Introductory Oceanography	3	BSOC 4691	Food, Agriculture, and Society	3
BIOEE 1560	Introductory Oceanography with Laboratory	4	CEE 1130	Sustainable Engineering of Energy, Water, Soil, and Air Resources	3
BIOEE 1610	Introductory Biology: Ecology and the Environment	3-4	CEE 1165	Climate Change and You, the Engineer	3
BIOEE 1780	An Introduction to Evolutionary Biology and Diversity	4-5	CEE 3090	Special Topics in Civil and Environmental Engineering	1-6
BIOEE 2525	Ecology and Conservation of Wildlife in the Neotropics	2	CEE 3510	Environmental Quality Engineering	3
BIOEE 2526	Ecology and Conservation of Wildlife in the Neotropics II	1	CEE 3610	Introduction to Transportation Engineering	3
BIOEE 2527	Neotropical Wildlife Biology	1	CEE 4200	Managing Water Resources in a Changing World	3
BIOEE 2740	The Vertebrates: Comparative Anatomy, Function, Paleontology, and Evolution	4	CEE 4210	Renewable Energy Systems	3
BIOEE 3610	Advanced Ecology	4	CEE 4510	Microbiology for Environmental Engineering	3
BIOEE 3611	Field Ecology	3	CEE 4520	Sustainable Recovery of Critical Metals and Advanced Material Conversions	3
BIOEE 3690	Chemical Ecology	3	CEE 4530	Laboratory Research in Environmental Engineering	3
BIOEE 4550	Insect Ecology	4	CEE 4565	Waste Water Processes and Resources Recovery	3
BIOEE 4570	Limnology: Ecology of Lakes, Lectures	3	CEE 4745	Sustainability and Automation: The Future of Construction Industry	3
BIOEE 4571	Limnology: Ecology of Lakes, Laboratory	2	CEE 4800	Engineering Smart Cities	3
BIOEE 4690	Food, Agriculture, and Society	3	CEE 4880	Applied Modeling and Simulation for Renewable Energy Systems	3
BIOEE 4700	Herpetology, Lectures	3	CEE 5200	Economics of the Energy Transition	3
BIOEE 4760	Ichthyology: Biology of Fishes, Lectures	3	CEE 5420	Energy Technologies and Subsurface Resources	3
BIOEE 4761	Ichthyology: Biology of Fishes, Laboratory	1	CEE 5510	Microbiology for Environmental Engineering	3
BIOEE 4780	Ecosystem Biology and Global Change	4	CEE 5610	Introduction to Transportation Engineering	3
BIOEE 6680	Principles of Biogeochemistry	4	CEE 5746	Sustainability and Automation: The Future of Construction Industry	3
BIOEE 7640	Plant-Insect Interactions Seminar	1	CEE 5980	Decision Framing and Analytics	3
BIOEE 7800	Graduate Seminar in Ornithology	1	CEE 6200	Managing Water Resources in a Changing World	3
BIOMG 6310	Proteins: Structure, Function and Evolution	3	CEE 6210	Renewable Energy Systems	3
BIOMI 1120	Microbes, the Earth, and Everything	3	CEE 6364	Hydrokinetic and Aerodynamic Energy Module	1
BIOMI 1400	Antibiotics: Probing the Biology of Life and Death	3	CEE 6520	Sustainable Recovery of Critical Metals and Advanced Material Conversions	3
BIOMI 3500	Marine Microbes and Disease in a Changing Ocean	3	CEE 6565	Waste Water Processes and Resources Recovery	3
BIONB 3690	Chemical Ecology	3	CEE 6590	Partitioning and Transformation of Organic Contaminants in Environmental Systems	3
BIONB 7640	Plant-Insect Interactions Seminar	1	CEE 6660	Multiobjective Systems Engineering Under Uncertainty	3
BIOSM 1500	Investigative Marine Biology Laboratory	3	CEE 6667	Transportation Energy Systems Module	1
BIOSM 1610	Ecology and the Marine Environment	3	CEE 6770	Natural Hazards, Reliability, and Insurance	3
BIOSM 1620	Marine Environmental Science	4	CEE 6800	Engineering Smart Cities	3
BIOSM 1780	Evolution and Marine Diversity	4	CEE 6880	Applied Modeling and Simulation for Renewable Energy Systems	3
BIOSM 2800	Sustainable Fisheries	3	CHEME 4130	Introduction to Nuclear Science and Engineering	3
BIOSM 3210	Anatomy and Function of Marine Vertebrates	3	CHEME 4880	Global Food, Energy, and Water Nexus – Engage the US, China, and India for Sustainable Future	3-4
BIOSM 3330	Marine Parasitology and Disease	3	CHEME 5310	Principles of Electrochemical Engineering	3
BIOSM 3450	Marine Mammal Biology	3	CHEME 5610	Concepts of Chemical Engineering Product Design	3
BIOSM 3740	Field Ornithology	3	CHEME 5870	Energy Seminar I	1
BIOSM 3750	Marine Ecosystem Research and Management	3	CHEME 5880	Energy Seminar II	1
BIOSM 4650	Shark Biology and Conservation	3	CHEME 6660	Analysis of Sustainable Energy Systems	2
BIOSM 4990	Research in Biology	1-6	CHEME 6661	Bioenergy and Biofuels Module	1
BSOC 2061	Ethics and the Environment	4			
BSOC 2211	Early Agriculture	3			
BSOC 2581	Environmental History	4			
BSOC 3181	Living in an Uncertain World: Science, Technology, and Risk	4			
BSOC 3311	Environmental Governance	3			

CHEME 6662	Solar Energy Module	1	CRP 5840	Green Cities	3
CHEME 6663	Geothermal Energy Module	1	CRP 6860	Planning for Sustainable Transportation	3
CHEME 6664	Hydrokinetic and Aerodynamic Energy Module	1	CRP 7850	City and Regional Futures: Planning Practice, Policy and Design	1
CHEME 6667	Transportation Energy Systems Module	1	CS 2770	Excursions in Computational Sustainability	3
CHEME 6670	Fossil Fuels Module	1	DEA 1110	Making a Difference by Design	3
CHEME 6671	Nuclear Energy Module	1	DEA 1500	Introduction to Environmental Psychology	3
CHEME 6676	Energy Markets and Regulations Module	1	DEA 2020	Introduction to Sustainable Design	3
CHEME 6679	Energy Storage Module	1	DEA 2200	Art and Science	3
CHEME 6681	Energy Analysis Project	1	DEA 2201	Magnifying Small Spaces Studio	4
CHEME 6682	Energy Economics for Engineers	1	DEA 2700	Healthy Places: Design, Planning and Public Health	3
CHEME 6810	AI for Sustainability	3	DEA 3030	Materials for Design and Sustainability	3
CHEME 6820	AI for Materials	1	DEA 3500	The Ambient Environment	3
CHEME 6830	AI for Energy Systems	1	DEA 4025	Design for Change: Imagining Decolonial Futures	3
CHEME 6840	AI for Digital Agriculture	1	DEA 4220	Ecological Literacy and Design	3
CLASS 2000	Environment and Sustainability Colloquium	1	DEA 4401	Adaptive Reuse Studio: Recycling the Built Environment	4
CLASS 2010	Discussions of Environment and Sustainability	3	DEA 4500	Policy Meets Design: High-Impact Facilities of the 21st Century	3
CLASS 2729	Climate, Archaeology and History	3	DEA 6025	Design for Change: Imagining Decolonial Futures	3
CLASS 2750	Introduction to Humanities	3	DEA 6250	Human Dimensions of Sustainable Building	3
CLASS 7727	Climate, Archaeology and History	3	DEA 6520	The Ambient Environment	3
COGST 1111	Making a Difference by Design	3	DESIGN 4999	Undergraduate Independent Study in Design Technology	1-3
COGST 1500	Introduction to Environmental Psychology	3	EAS 1101	Climate and Energy: a 21st Century Earth Science Perspective	3
COML 2036	Literature and the Elements of Nature	3	EAS 1108	Earth in the News	3
COML 2750	Introduction to Humanities	3	EAS 1310	Basic Principles of Meteorology	3
COML 3336	Border Environments	3	EAS 1340	Introductory Weather Analysis and Forecasting	1
COMM 3070	Communicating Today: Creating Strategic Visual Messages Across Media	3	EAS 1540	Introductory Oceanography	3
COMM 3090	Experiential Writing in Mexico: Cultural and Environmental Communication	3	EAS 1560	Introductory Oceanography with Laboratory	4
COMM 3210	Communication and the Environment	3	EAS 1600	Environmental Physics	3
COMM 6210	Advanced Communication and the Environment	3	EAS 1700	Evolution of the Earth and Life	3
COMM 6660	Public Engagement in Science	3	EAS 2250	The Earth System	4
CRP 3072	Land Use, Environmental Planning, and Urban Design Workshop	4	EAS 2680	Climate and Global Warming	3
CRP 3270	Regional Economic Impact Analysis	3	EAS 3010	Evolution of the Earth System	4
CRP 3545	Urban Adaptation to Climate Change	3	EAS 3030	Introduction to Biogeochemistry	4
CRP 3555	Environmental Planning and Practice	3	EAS 3050	Climate Dynamics	3
CRP 3840	Green Cities	3	EAS 3450	Environmental Geophysics	3
CRP 3852	Special Topics in Urban History, Society, and Politics	3	EAS 3555	Marine Microbes and Disease in a Changing Ocean	3
CRP 3853	Special Topics in Land Use and Environment	1-4	EAS 4010	Fundamentals of Energy and Mineral Resources	3
CRP 3860	Planning for Sustainable Transportation	3	EAS 4050	Active Tectonics and Structural Geology	3
CRP 3900	City and Regional Futures: Planning Practice, Policy and Design	1	EAS 4370	Field Geophysics	3
CRP 4080	Introduction to Geographic Information Systems (GIS)	4	EAS 4441	Controversies in Global Climate Change Science and Policy	1.5
CRP 4331	Environmental Law and Policy	3	EAS 4443	Global Climate Change Science and Policy	3
CRP 5072	Land Use, Environmental Planning, and Urban Design Workshop	4	EAS 4570	Atmospheric Air Pollution	3
CRP 5172	NYC Workshop: Land Use, Environmental Planning, and Design	6	EAS 4710	Introduction to Groundwater	3
CRP 5173	NYC Studio: Integrated Urbanism as a Platform for Engagement	6	EAS 4800	Atmospheric Chemistry: From Air Pollution to Global Change	3
CRP 5545	Urban Adaptation to Climate Change	3	EAS 5010	Fundamentals of Energy and Mineral Resources	3
CRP 5555	Environmental Planning and Practice	3	EAS 5011	Evolution of the Earth System	4



EAS 5051	Climate Dynamics	3	ENTOM 2120	Insect Biology	4
EAS 5443	Global Climate Change Science and Policy	3-4	ENTOM 2150	Spider Biology: Life on a Silken Thread	2
EAS 5450	Environmental Geophysics	3	ENTOM 2440	Integrated Pest Management	3
EAS 5620	Marine Ecosystem Sustainability	3	ENTOM 3150	Spider Biology	3
EAS 6370	Field Geophysics	3	ENTOM 3350	Naturalist Outreach Practicum	4
EAS 6710	Introduction to Groundwater	3	ENTOM 3360	Naturalist Outreach Continued	1-2
EAS 6800	Atmospheric Chemistry: From Air Pollution to Global Change	3	ENTOM 3440	Insect Conservation Biology	3
ECE 4130	Introduction to Nuclear Science and Engineering	3	ENTOM 3690	Chemical Ecology	3
ECE 4510	Electric Power Systems I	3	ENTOM 4100	Advanced Conservation Biology	4
ECE 4520	Power Systems and Market Operations	3	ENTOM 4550	Insect Ecology	4
ECE 4560	Power Electronics	4	ENTOM 5440	Integrated Pest Management	3
ECE 4840	Introduction to Controlled Fusion: Principles and Technology	3	ENTOM 7640	Plant-Insect Interactions Seminar	1
ECE 5235	Sustainable Urban and Energy Delivery Systems	3	ENVS 1101	Understanding Environment and Sustainability	3
ECE 5510	Electric Power Systems I	3	ENVS 1201	Global Water Sustainability	3
ECE 5560	Power Electronics	4	ENVS 1500	An Introduction to the Economics of Environmental and Natural Resources	3
ECE 5815	Introduction to Nuclear Science and Engineering	3	ENVS 2000	Environment and Sustainability Colloquium	1
ECE 5870	Energy Seminar I	1	ENVS 2001	Perspectives on the Climate Change Challenge	1.5
ECE 5880	Energy Seminar II	1	ENVS 2010	Discussions of Environment and Sustainability	3
ECE 7235	Sustainable Urban and Energy Delivery Systems	3	ENVS 2201	Society and Natural Resources	3
ECON 3830	Economics of Consumer Protection and the Law	3	ENVS 2500	Environmental and Resource Economics	3
ECON 3850	Economics and Environmental Policy	3	ENVS 2600	Field Research in the Ecological Arts	3
ECON 3860	Resource Economics	3	ENVS 2830	DNA, Genes and Genetic Diversity	4
ECON 3865	Environmental Economics	3	ENVS 3020	Earth Projects	3
ECON 3910	Health, Poverty, and Inequality: A Global Perspective	3	ENVS 3260	Applied Conservation Ecology	3
EDUC 4223	Community Learning Ecosystems: Place, SDGs & Hope	4	ENVS 4331	Environmental Law and Policy	3
EDUC 5223	Community Learning Ecosystems: Place, SDGs & Hope	4	ENVS 4400	Nature-Based Climate Solutions?	3
ENGL 1120	FWS: Writing and Community Engagement	3	ENVS 4443	Global Climate Change Science and Policy	3
ENGL 1160	FWS: Intersections: Race, Writing, and Power	3	ENVS 4500	Climate Solutions Capstone	3
ENGL 2600	Introduction to Native American Literature	3	ENVS 4600	Planning for Environmental Conservation and Sustainability	3
ENGL 2950	Introduction to Humanities	3	ENVS 4800	Wildlife Corridor Conservation & Crossing Design	3
ENGL 3560	Thinking from a Different Place: Indigenous Philosophies	3	ENVS 4850	Sustainability Project Lab	3
ENGL 3795	Communicating Climate Change	3	ENVS 4940	Capstone Special Topics Course in Environment and Sustainability	1-4
ENGRD 2210	Thermodynamics	3	FDSC 1500	Food Choices and Issues	3
ENGRD 2250	The Earth System	4	FDSC 4010	Concepts of Food Product Development	2
ENGRD 2510	Engineering Processes for Environmental Sustainability	3	FDSC 4170	Food Chemistry	3
ENGRI 1130	Sustainable Engineering of Energy, Water, Soil, and Air Resources	3	FDSC 4250	Food Processing: Conventional and Emerging Technologies	2
ENGRI 1140	Materials: The Future of Energy	3	FDSC 4880	Global Food, Energy, and Water Nexus – Engage the US, China, and India for Sustainable Future	3-4
ENGRI 1165	Climate Change and You, the Engineer	3	FDSC 6170	Food Chemistry	3
ENMGT 5200	Economics of the Energy Transition	3	FDSC 6250	Food Processing: Conventional and Emerging Technologies	2
ENMGT 5980	Decision Framing and Analytics	3	FGSS 3230	Gender and Development	3
ENMGT 5990	Contemporary Challenges for Engineering Managers	3	FSAD 3200	Global Textile and Apparel Sustainability	3
ENTOM 2030	Honey Bees: Their Intriguing Biology and Interactions with Humans and More	3	FSAD 3250	Color and Surface Design of Textiles	4
ENTOM 2031	Honey Bees: Their Intriguing Biology and Interactions with Humans	2	FSAD 4021	Textile and Apparel Production in India	3
			FSAD 4025	Design for Change: Imagining Decolonial Futures	3
			FSAD 4360	Fiber Materials	3
			FSAD 4440	Global Fashion Management	3
			FSAD 6025	Design for Change: Imagining Decolonial Futures	3

FSAD 6260	Advanced Textile Chemistry	3	HADM 6015	Operations Analysis and New Business Models	3
GDEV 1102	Introduction to Global Development	3	HADM 6500	Sustainable Development	4
GDEV 1300	Just Food: Exploring the Modern Food System	4	HADM 6550	Introduction to Sustainable Tourism	3
GDEV 2010	Population and Social Change	3	HE 1151	FWS: Topics in Sustainability & Society	3
GDEV 2300	Food Systems and Sustainable Development	3	HIST 2050	Introduction to Humanities	3
GDEV 3150	Climate Change and Global Development: Living in the Anthropocene	3	HIST 2581	Environmental History	4
GDEV 3230	Gender and Development	3	HIST 3181	Living in an Uncertain World: Science, Technology, and Risk	4
GDEV 3240	Environmental Sociology	3	HIST 4131	Comparative Environmental History	3
GDEV 3260	Water	3	ILRGL 2180	Capitalism, Socialism and Democracy	3
GDEV 3311	Environmental Governance	3	ILRGL 3375	Labor Practices in Global Supply Chains: Multi-Stakeholder Perspectives	3
GDEV 3400	Agriculture, Food, Sustainability and Social Justice	3	ILRGL 5375	Labor Practices in Global Supply Chains: Multi-Stakeholder Perspectives	3
GDEV 3680	Environmental Decision Making	3	ILROB 2220	Controversies About Inequality	4
GDEV 3900	Circular Systems	3	INFO 2770	Excursions in Computational Sustainability	3
GDEV 4140	Global Cropping Systems and Sustainable Development	3	INFO 4240	Designing Technology for Social Impact	4
GDEV 4223	Community Learning Ecosystems: Place, SDGs & Hope	4	INFO 5235	Sustainable Urban and Energy Delivery Systems	3
GDEV 4443	Global Climate Change Science and Policy	3	INFO 5240	Designing Technology for Social Impact	3
GDEV 4450	Toward a Sustainable Global Food System: Food Policy for Developing Countries	3	LA 1410	Grounding in Landscape Architecture I	4
GDEV 4850	Sustainability Project Lab	3	LA 1420	Grounding in Landscape Architecture II	4
GDEV 4880	Global Food, Energy, and Water Nexus – Engage the US, China, and India for Sustainable Future	3-4	LA 2010	Medium of the Landscape I	5
GDEV 5223	Community Learning Ecosystems: Place, SDGs & Hope	4	LA 2020	Medium of the Landscape II	5
GDEV 5400	Agriculture, Food, Sustainability and Social Justice	3	LA 3010	Integrating Theory and Practice I	5
GDEV 5443	Global Climate Change Science and Policy	3-4	LA 3020	Integrating Theory and Practice II	5
GDEV 5680	Environmental Decision Making	3	LA 3160	Site Engineering	5
GDEV 5850	Sustainability Project Lab	3	LA 3180	Site Assembly	5
GDEV 6060	Sociological Theories of Development	3	LA 4010	Urban Design Studio	5
GDEV 6210	Foundations of Environmental Sociology	3	LA 4020	Capstone Community Design Studio	5
GDEV 6455	Toward a Sustainable Global Food System: Food Policy for Developing Countries	3	LA 4340	Material Ecologies	3
GDEV 6620	The Social Life of Land	3	LA 4910	Creating the Urban Eden: Woody Plant Selection, Design, and Landscape Establishment	5
GDEV 7500	Food, Ecology, and Agrarian Change	3	LA 4930	Second World Urbanism: Landscape Infrastructures	3
GOVT 2225	Controversies About Inequality	4	LA 5010	Composition and Theory I	5
GOVT 2755	Introduction to Humanities	3	LA 5020	Composition and Theory II	5
GOVT 3087	International Human Rights Law and Advocacy	3	LA 5910	Creating the Urban Eden: Woody Plant Selection, Design, and Landscape Establishment	5
GOVT 3613	Politics of Sustainable Development in Latin America I	1	LA 6010	Integrating Theory and Practice I	5
GOVT 3614	Politics of Sustainable Development in Latin America II	2	LA 6020	Integrating Theory and Practice II	5
GOVT 3623	Politics of Sustainable Development in Latin America III	1	LA 6160	Site Engineering	5
GOVT 3686	What Makes Us Human? An Existential Journey Amidst Crises	3	LA 6180	Site Assembly	5
GOVT 3887	International Human Rights in Theory and Practice	4	LA 6340	Material Ecologies	3
GOVT 4543	Fascism, Nationalism and Populism	3	LA 6900	Methods of Landscape Architectural Inquiry	3
HADM 4015	Operations Analysis and New Business Models	3	LA 6930	Second World Urbanism: Landscape Infrastructures	3
HADM 4200	Principles of Real Estate	3	LA 7005	LA Design Studio NYC	5
HADM 4315	Nonprofit Social Enterprise and Food Justice	3	LA 7010	Urban Design and Planning	5
HADM 4320	Contemporary Healthy Foods	3	LA 7020	Advanced Design Studio	5
HADM 4550	Introduction to Sustainable Tourism	3	LATA 3336	Border Environments	3
			LATA 3612	Politics of Sustainable Development in Latin America I	1
			LATA 3614	Politics of Sustainable Development in Latin America II	2

LATA 3623	Politics of Sustainable Development in Latin America III	1	NTRES 2830	DNA, Genes and Genetic Diversity	4
LAW 3887	International Human Rights in Theory and Practice	4	NTRES 3020	Earth Projects	3
LAW 4081	International Human Rights Law and Advocacy	3	NTRES 3030	Introduction to Biogeochemistry	4
LAW 4330	Environmental Law and Policy	3	NTRES 3110	Fish Ecology, Conservation, and Management	3
LEAD 4223	Community Learning Ecosystems: Place, SDGs & Hope	4	NTRES 3111	Fish Ecology Laboratory	1
LEAD 5223	Community Learning Ecosystems: Place, SDGs & Hope	4	NTRES 3150	Introduction to Conservation Bioacoustics	3
LSP 3336	Border Environments	3	NTRES 3220	Global Biodiversity	3
MAE 2210	Thermodynamics	3	NTRES 3240	Sustainable, Ecologically Based Management of Water Resources	3
MAE 3870	Fundamentals of Electric-Drive Vehicle Engineering	3	NTRES 3250	Forest Management and Maple Syrup Production	3
MAE 4020	Wind Power	3	NTRES 3260	Applied Conservation Ecology	3
MAE 4021	Wind Power	4	NTRES 3311	Environmental Governance	3
MAE 4220	Introduction to Internet of Things - Technology and Engagement	3	NTRES 3330	Ways of Knowing: Indigenous and Place-Based Ecological Knowledge	3
MAE 4221	Introduction to Internet of Things - Technology and Engagement	4	NTRES 4100	Advanced Conservation Biology	4
MAE 4580	Introduction to Nuclear Science and Engineering	3	NTRES 4150	Conservation with Communities for One Health	2
MAE 4590	Introduction to Controlled Fusion: Principles and Technology	3	NTRES 4160	Conversations in Conservation for One Health	1
MAE 5010	Future Energy Systems	3	NTRES 4280	Principles and Practices of Applied Wildlife Science	3
MAE 5020	Wind Power	3	NTRES 4300	Environmental Policy Processes I	0.5
MAE 5220	Introduction to Internet of Things - Technology and Engagement	4	NTRES 4301	Environmental Policy Processes II	1.5
MAE 5459	Energy Seminar I	1	NTRES 4302	Environmental Policy Processes III	1
MAE 5469	Energy Seminar II	1	NTRES 4400	Nature-Based Climate Solutions?	3
MAE 6510	Advanced Heat Transfer	4	NTRES 4500	Climate Solutions Capstone	3
MSE 1140	Materials: The Future of Energy	3	NTRES 4520	Land Use and Sustainable Livelihoods in the Nilgiris	3
MUSIC 1213	Spring Break: Marine Stewardship and Creative Collaboration	1	NTRES 4600	Planning for Environmental Conservation and Sustainability	3
NBA 6030	Strategies for Sustainability	1.5	NTRES 4601	Decision Making in Natural Resource Management	2
NBA 6190	Leaders in Sustainable Global Enterprise	1.5	NTRES 4750	Environmental Justice and Policy	3
NBA 6380	Finance and Sustainable Global Enterprise Colloquium	1	NTRES 4800	Wildlife Corridor Conservation & Crossing Design	3
NS 1150	Nutrition, Health, and Society	3	NTRES 4960	Internship in Natural Resources	1-3
NS 4410	Nutrition and Disease	4	NTRES 5750	Environmental Justice and Policy	3
NS 4450	Toward a Sustainable Global Food System: Food Policy for Developing Countries	3	NTRES 6150	Introduction to Conservation Bioacoustics	3
NS 4480	Economics of Food and Malnutrition	3	NTRES 6260	Applied Conservation Ecology	3
NS 4500	Public Health Nutrition	3	NTRES 6280	Principles and Practices of Applied Wildlife Science	3
NS 4570	Health, Poverty, and Inequality: A Global Perspective	3	NTRES 6300	Current Topics in Molecular Ecology and Population Genomics	1
NS 6455	Toward a Sustainable Global Food System: Food Policy for Developing Countries	3	NTRES 6350	Planning for Environmental Conservation and Sustainability	3
NS 6480	Economics of Food and Malnutrition	3	NTRES 6500	Climate Solutions Capstone	3
NTRES 1101	Understanding Environment and Sustainability	3	NTRES 6601	Decision Making in Natural Resource Management	2
NTRES 1201	Global Water Sustainability	3	ORIE 5235	Sustainable Urban and Energy Delivery Systems	3
NTRES 2010	Environmental Conservation	4	PHIL 1440	Ethics of Eating	3
NTRES 2201	Society and Natural Resources	3	PHIL 1950	Controversies About Inequality	4
NTRES 2380	Quantitative Thinking in Sustainability Science	3	PHIL 2960	Ethics and the Environment	4
NTRES 2470	Green Cities: Creating the Living City	3	PLSCI 1101	Plant Science and Systems	4
NTRES 2480	Sustainability Leadership	3	PLSCI 1102	Hands-On Horticulture for Gardeners	2
NTRES 2600	Field Research in the Ecological Arts	3	PLSCI 1150	CSI: Forensic Botany	3
			PLSCI 1300	Just Food: Exploring the Modern Food System	4
			PLSCI 2020	Foods of the Future	3
			PLSCI 2250	Plant Genetics	4

PLSCI 2253	Lectures in Plant Genetics	3	PUBPOL 5615	Sustainable Finance: Southeast Asia and Global Perspectives	3
PLSCI 2400	Green World, Blue Planet	3	PUBPOL 5717	Energy Transition: Policy, Financial, and Business Interactions	3
PLSCI 2440	Integrated Pest Management	3	PUBPOL 5733	Vulnerability and Resilience Planning for Executives	1
PLSCI 2600	Soil Science	4	PUBPOL 5970	Economics and Environmental Policy	3
PLSCI 2930	It's Just Grass: Grassing the Urban Eden	2	PUBPOL 5979	Environmental Finance and Impact Investing Practicum	0.5-2.5
PLSCI 3050	Arboriculture: Applied Tree Care	1.5	PUBPOL 6020	Intermediate Statistics for Sociological Research	4
PLSCI 3210	Soil and Crop Management for Sustainability	3	RELST 2273	Religion and Ecological Sustainability	3
PLSCI 3350	Sustainable Orchard Management	2-3	RELST 3331	Opt Out, Tune In: Hermits, Pilgrims and Dharma Bums, from East Asia to Ithaca	3
PLSCI 3400	Far Beyond Ithaca (FBI): Plant Explorations	0.5	ROMS 2750	Introduction to Humanities	3
PLSCI 3550	Postharvest Biology of Horticultural Crops	3	SHUM 2437	Economy, Power, and Inequality	3
PLSCI 4030	Genetic Improvement of Crop Plants	3	SHUM 2482	Anthropology of Climate Change	3
PLSCI 4070	Nutritional Quality Improvement of Food Crops	2	SHUM 2729	Climate, Archaeology and History	3
PLSCI 4090	Perennial Crop Breeding Seminar	1	SHUM 2750	Introduction to Humanities	3
PLSCI 4140	Global Cropping Systems and Sustainable Development	3	SHUM 4540	Fascism, Nationalism and Populism	3
PLSCI 4175	Production and Management of Greenhouse Crops	4	SOC 1101	Introduction to Sociology	3
PLSCI 4230	Equitable Crop Improvement: From Theory to Practice	3	SOC 1104	Race and Ethnicity in the United States: Social Constructs, Real World Consequences	3
PLSCI 4450	Urban Plants and Public Health	3	SOC 1290	American Society through Film	3
PLSCI 4520	Berry Crops: Culture and Management	3	SOC 2030	Population and Public Policy	4
PLSCI 4660	Soil Ecology	3-4	SOC 2100	What Is Science? An Introduction to the Social Studies of Science and Technology	3
PLSCI 4730	Ecology of Agricultural Systems	4.5	SOC 2202	Population and Social Change	3
PLSCI 5140	Global Cropping Systems and Sustainable Development	3	SOC 2208	Social Inequality	4
PLSCI 5440	Integrated Pest Management	3	SOC 2220	Controversies About Inequality	4
PLSCI 6017	Cropping Systems Ecology	1	SOC 2250	Schooling and Society	3
PLSCI 6030	Genetic Improvement of Crop Plants	3	SOC 2270	The Computerization of the American Social System	3
PLSCI 6070	Nutritional Quality Improvement of Food Crops	2	SOC 2280	Capitalism, Socialism and Democracy	3
PLSCI 6090	Perennial Crop Breeding Seminar	1	SOC 2560	Sociology of Law	3
PLSCI 6230	Equitable Crop Improvement: From Theory to Practice	3	SOC 3010	Statistics for Sociological Research	4
PLSCI 6520	Berry Crops: Culture and Management	3	SOC 3060	High Tech Regions in Comparative Perspective	3
PSYCH 1500	Introduction to Environmental Psychology	3	SOC 3080	Social Networks and Power	3
PUBPOL 2030	Population and Public Policy	4	SOC 3190	Contemporary Sociological Theory	3
PUBPOL 2060	Introduction to Global Policy	3	SOC 3240	Environmental Sociology	3
PUBPOL 2208	Social Inequality	4	SOC 3290	Economic Sociology	3
PUBPOL 2220	Controversies About Inequality	4	SOC 3380	Urban Inequality	3
PUBPOL 3135	World Food Systems and Public Policy	3	SOC 3490	How do Social Structures Emerge? An Introduction to the Micro-Macro Problem	3
PUBPOL 3410	Economics of Consumer Protection and the Law	3	SOC 3650	Sociology of Disasters	3
PUBPOL 3615	Sustainable Finance: Southeast Asia and Global Perspectives	3	SOC 3660	Sociology of Music	3
PUBPOL 3670	Economics and Environmental Policy	3	SOC 3750	Classical Sociological Theory	3
PUBPOL 3730	Comparative Environmental Policy	3	SOC 4380	Neurodiversity and Society	3
PUBPOL 4110	Pollution, Climate Change, and Health	3	SOC 4420	Sociology of Diffusion	3
PUBPOL 4240	Risk Management and Policy	3	SOC 4540	Fascism, Nationalism and Populism	3
PUBPOL 4717	Energy Transition: Policy, Financial, and Business Interactions	3	SOC 5010	Basic Problems in Sociology I	3
PUBPOL 5015	Climate Economics and Policy	3	SOC 5020	Basic Problems in Sociology II	3
PUBPOL 5135	World Food Systems and Public Policy	3	SOC 5180	Social Inequality: Contemporary Theories, Debates, and Models	3
PUBPOL 5240	Risk Management and Policy	3	SOC 5190	Workshop on Social Inequality	1
PUBPOL 5573	Corporate Responsibility for Executives	1			
PUBPOL 5590	Environmental Justice and Policy	3			



