

Undergraduate

Department	Course Number	Course Title	Description
ANTH	1001	Commons Seminar: Green the Commons	
ANTH	2220	Anthropological Approaches to Human Landscapes	
ANTH	4154	Environmental Anthropology	
ANTH	2109	Food Politics in America	The cultural, social, political, and economic contexts of the contemporary food system. Issues of health and nutrition. Land use, ecological relations, food chains, and links to climate change.
ANTH	3890	Special Topics	Discusses special topics in anthropology, environmentalism, sustainable development, and society.
ANTH	1111	Fashioning Forests and Nature	
ANTH	2200W	Human Landscapes	
BSCI	1103	Green Earth: Plants	Biodiversity of plants, their adaptations to the environment, and their evolutionary and ecological relationships. Basic biology of plant form and function and the importance of plants for life on Earth.
BSCI	2218	Introduction to Plant Biology	Diversity of plants within the framework of their evolution and environmental adaptations. Biomes from the tropical rain forest to the Vanderbilt arboretum
BSCI	2238	Ecology	
BSCI	2238L	Ecology Lab	
BSCI	3233	Conservation Biology	
BSCI	3239	Behavioral Ecology	
CE	2100	Civil and Environmental Engineering Information Systems I	
CE	2105	Civil and Environmental Engineering Information Systems II	
CE	3100W	Civil and Environmental Engineering Laboratory	
CE	3250	Geotechnical Engineering	
CE	3600	Environmental Engineering	
CE	3705	Water Resources Engineering	
CE	4100	Geographic Information Systems	
CE	4300	Reliability and Risk Case Studies	
CE	4430	Building Systems and LEED	
CE	4900	Civil and Environmental Engineering Seminar	
CHBE	4899	Atmospheric Pollution	
ECON	2170	Environmental Economics	
EES	1080	Earth and the Atmosphere	
EES	1140	Life and Climates	
EES	2110	Global Climate Change	
EES	2150	Science, Risk, Policy	Environmental policy and science
EES	4650	Physics of The Climate System	
EES	4750	Sustainable Systems Science	
ENVE	1001	Commons Seminar	
ENVE	3610	Sustainable Development	
ENVE	3611	Sustainable Development Field Experience	
ENVE	3612	Sustainable Development Research	
ENVE	4101	Environmental Studies Seminar	
ENVE	4305	Enterprise Risk Management	
ENVE	4610	Biological Unit Processes	Principles of biology and their application to wastewater treatment processes with emphasis on microbial ecology, bioenergetics, and the role of chemical structure in biodegradability
ENVE	4620	Environmental Characterization and Analysis	
ENVE	4700	Energy and Water Resources	
ENVE	4707	Solid and Hazardous Waste Management	
ENVE	4716	Physical/Chemical Unit Processes	Principles of mass transfer, chemistry, and chemical reactor technology applied to the design and operation of water and wastewater treatment processes.
ENVE	4720	Surface Water Quality Modeling	
ENVE	4800	Introduction to Nuclear Environmental Engineering	
ENVS	4101	Seminar in Environmental and Sustainability Studies	
ES	3300	Energy and Sustainability	An engineering approach to energy and sustainability
ME	4262	Environmental Control	
PHIL	3611	Environmental Philosophy	
PHIL	3612	Ethics and Animals	
RLST	2472	Religion, Ecology, and Power in Africa	
RLST	3921	Ethics and Ecology	
SOC	3311	Climate Change and Society	
SOC	3312	Environment and Development	
SOC	3314	Environmental Inequality and Justice	
SOC	3315	Human Ecology and Society	
SOC	3316	Business, Civil Society, and the Environment	
SOC	3317	Energy Transitions and Society	
SOC	3321	Population and Society	
SOC	2270	Ecofeminism: Theory, Politics, and Action	
WGS	2268	Gender, Race, Justice, and the Environment	

Sustainability Courses

Graduate

Department	Course Number	Course Title	Description
ANTH	6154	Environmental Anthropology	
ANTH	7150	Urban Ecology	
BSCI	6336	Ecology and Evolutionary Biology	
CE	8300	Reliability and Risk Engineering Seminar	
CE	8301	Reliability and Risk Engineering Seminar	
DIV	5220	Community and Sustainable Development	
EES	5110	Global Climate Change	
EES	5650	Physics of the Climate System	
EES	5750	Sustainable Systems Science	
ENVE	5610	Biological Processes in Environmental Systems	
ENVE	5620	Environmental Characterization and Analysis	
ENVE	5700	Energy and Water Resources	
ENVE	6800	Nuclear Facilities Life Cycle Engineering	
ENVE	6805	Storage, Treatment and Disposal of Radioactive Waste	
ENVE	7534	Nuclear Environmental Regulation, Law, and Practice	
ENVE	7812	Pollutant Transport in the Environment.	
ENVE	7899	Master of Engineering Project	
ENVE	7999	Master's Thesis Research	
ENVE	8001	Individual Study	Individual study in environmental engineering
ENVE	8002	Individual Study	Individual study in environmental engineering
ENVE	8003	Individual Study	Individual study in environmental engineering
ENVE	8999	Non-Candidate Research	
ENVE	9999	Ph.D. Dissertation Research	
LAW	7049	Climate Change Justice	
LAW	7174	Energy Law	
LAW	7184	Environmental Law I: Public	
LAW	7186	Environmental Law II: Private Environmental Governance	
LAW	7270	International Environmental Law	
LAW	7395	Environmental Annual Review	
LAW	7410	Land Use Planning	
LAW	7416	Law and Business of Climate Change	
LAW	7568	Practicing Environmental Law	
LAW	9134	Renewable Power Seminar	
LWEC	8430	Risk and Environmental Regulation I	
LWEC	8431	Risk and Environmental Regulation II	
MGT	6420	The Future of Energy Markets in a Low-Carbon Economy	
MGT	6454	The Law and Business of Climate Change	
MGT	6455	The Law and Business of Climate Change	
NURS	6082	Climate Chang, Social Justice and Health	

Courses that Include Sustainability

Undergraduate

Department	Course Number	Course Title	Description
AMER	1111	Food for Thought	Discusses the intersection of food and thought about topics like sustainability
AMER	4000	American Studies Workshop	Discusses relevant American topics such as sustainability
AMER	4100	American Studies Workshop	Discusses relevant American topics such as sustainability
ANTH	1101	Introduction to Anthropology	Introduction into diverse contemporary cultures, including factors like sustainability
ANTH	1201	Introduction to Archaeology	Introduction to archaeology and maintaining sustainable cultures
ANTH	2108	Indigenous Peoples of Lowland South America	Government policies, human rights, environmentalism, sustainable development, and indigenous activism and advocacy in South America.
ANTH	3138	Global Food Politics	
ANTH	3261	Intro to GIS and Remote Sensing	
ANTH	3629	Introduction to GIS	
BME	3830	Biomedical Engineering Service Learning and Leadership	Identification of local and global human needs, methods of need quantification, implementation of engineering solutions, sustainability, preparation of grant proposals, leadership principles.
BSCI	1100	Biology Today	Topics include cell structure and function, genetics and inheritance, evolution and diversity, populations, communities and ecosystems, and topics related to biology and society.
BSCI	1111	First-Year Writing Seminar	Independent learning and inquiry in an environment in which students can express knowledge and defend opinions through intensive class discussion, oral presentations, and written expression.
BSCI	2219	Introduction to Zoology	A structural and functional study of the major animal groups. The problems presented to animals by their environments, and the anatomical and physiological mechanisms by which they adapt.
BSCI	1100L	Biology Today Laboratory	Topics include cell structure and function, genetics and inheritance, evolution and diversity, populations, communities and ecosystems, and topics related to biology and society.
CE	3700	Fluid Mechanics	Emphasis on civil and environmental engineering applications.
CE	3841	Directed Study	Directed individual study of a pertinent topic in civil and environmental engineering.
CE	3842	Directed Study	Directed individual study of a pertinent topic in civil and environmental engineering.
CE	3843	Directed Study	Directed individual study of a pertinent topic in civil and environmental engineering.
CE	3890	Special Topics	
ECE	3891	Special Topics	Sustainable development and electrical engineering
EES	1001	Commons Seminar	Various topics in environmental science
EES	1030	Oceanography	An introduction to the geology, biology, chemistry, and physics of the marine environment.
EES	1070	Volcanoes: Impacts on Earth and Society	
EES	1111	First-Year Writing Seminar	Seminar on environmental topic
EES	1400	Iceland's Geology	Geology and sustainability in Iceland
EES	1510	Dynamic Earth: Intro Geology	Processes that have changed the earth.
EES	2510	Earth Systems History	
EES	3220	Life Through Time	A study of evolutionary life
EES	3225	Earth Materials	
EES	3250	Earth Materials	Geologic composition of the Earth
EES	3260	Petrology	
EES	3330	Sedimentology	
EES	3340	Structural Geology and Rock Mechanics	
EES	3832	Directed Study	Professor led independent study or research in environmental science
EES	3841	Directed Study	Professor led independent study or research in environmental science
EES	3851	Independent Study	Professor led independent study or research in environmental science
EES	3852	Independent Study	Professor led independent study or research in environmental science
EES	3891	Special Topics	Special topic in environmental science
EES	4420	Geomorphology	
EES	4680	Paleoclimates	
EES	4820	Paleoecological Methods	
EES	4830	Volcanic Process	
EES	4961	Special Seminar	Seminar in environmental science
EES	4998	Senior Honors Research	Senior research within the environmental science field
EES	4999	Senior Honors Research	Senior research within the environmental science field
EES	5760	Agent and Individual Based Computational Methods	
EES	1030L	Oceanography Lab	An introduction to the geology, biology, chemistry, and physics of the marine environment.
EES	1510L	Dynamic Earth Lab	Processes that have changed the earth.
EES	1510	Dynamic Earth	
ENGL	3720	Literature, Science and Technology	Intersection of literature and technology including environmentalism movement
ENGL	3730	Literature and the Environment	Intersection of literature and the environment
ENGL	3896	Investigative Amer Writ	Special American writing topics including the environment
ENGL	3898	Sp Topics Engl/Amer Lit	Special American writing topics including the environment
ENGL	2316W	Rep American Writers	Background for American writers and movements like Thoreau
ENGM	2160	Engineering Economy	The economic comparisons of alternative methods of engineering including environmental safety
ENGM	3010	Systems Engineering	Fundamental considerations in large scale engineering such as the environment
ENGM	3300	Technology Assessment and Forecasting	Fundamental considerations in large scale engineering such as the environment
ENVE	4600	Environmental Chemistry	
ENVE	4605	Environmental Thermodynamics, Kinetics, and Mass Transfer	
ENVE	4615	Environmental Thermodynamics, Kinetics, and Mass Transfer	
ENVE	4705	Physical Hydrology	
ENVE	4710	Hydrology	
ENVE	4715	Groundwater Hydrology	
ES	1001	Commons Seminar	Electrical Power Generation
ES	1105	Engineering Freshman Seminar	
ES	3890	Special Topics	Special topics in engineering science including sustainability
EUS	4960	Senior Tutorial	Modern European topics like sustainability
HART	3240W	Ancient Landscapes	Study of exploitation of resources through history
HIST	1470	History of Exploration	
HIST	1480	The Darwinian Revolution	Theories of evolution and human impact
HIST	1520	Science and the Sea	
HIST	3140	History of New Orleans	Interactions of urban setting and environmental resources
HOD	3212	Community Development Organizations and Policies	
HOD	3890	Special Topics CLD Track	Special topics in community development
HOD	4978	Senior Thesis	Thesis in human development, regards sustainable development
ME	3890	Special Topics	Current topics in mechanical engineering such as sustainability
ME	4260	Energy Conversion	
ME	4264	Internal Combustion Engines	
ME	4265	Direct Energy Conversion	
PHIL	1111	First-Year Writing Seminar	
PHIL	3657	Humanity, Evolution, and God.	Intersection of religion and human impact on the environment
PSCI	2215	Change in Developing Countries	
PSCI	3253	Ethics and Public Policy	
PSY	1111	Freshman Writing Seminar	
SOC	1020	Contemporary Social Issues	Contemporary issues like sustainability
SOC	1111	Freshman Writing Seminar	
SOC	3313	Sociology of Health and Environmental Science	
SOC	3603	Women and Social Activism	Includes social topics such as sustainability
SOC	3605	Law and Social Movements	Includes social topics such as sustainability
SPAN	1111	First-Year Writing Seminar	Seminar on pertinent issues such as the environment
WGS	1111	First-Year Writing Seminar	Seminar on pertinent issues such as the environment

Courses that Include Sustainability

Graduate

Depart	Course Number	Course Title	Description
DIV	6923	Prophetic Preaching	Topics will include: economic and class conflicts; racial, gender and sexual orientation conflicts; faith conflicts; questions of violence and resistance; and ecological/environmental issues.
BSCI	5239	Behavioral Ecology	
DIV	5471	Sacred Space in the Tibetan World	In the process, we analyze how sacred space is formed and affirmed through narrative, ritual, cosmology, and interaction with natural environments.
EES	5680	Paleoclimates	
EES	7110	Special Topics: Advanced Topics in Earth Materials	Advanced topic in composition of earth
EES	7300	Isotopes and the Environment	
HIST	8150	Studies in Environmental History	
LAW	7438	Law Practice 2050	
LAW	9118	Philosophy of International Law Seminar	
ME	5260	Energy Conversion	
ME	5265	Direct Energy Conversion	
ME	8327	Energy Conversion Systems	
ME	8391	Special Topics	
MGT	6421	Financial Analysis of ESG Data.	
MGT	6423	Corporate Strategies for Environmental, Social and Governance Issues	
MGT	6428	Social Enterprise and Entrepreneurship	
PUBH	5516	Environmental Health	A study of pollution and other factors regarding the environment and health