

Graduate Course List

Fall 2022 - Summer 2023

Definitions

Sustainability-Focused	courses with a primary and explicit focus on sustainability and/or major sustainability
Sustainability-Inclusive	courses that have a different primary focus but include sustainability content. This could be a unit or module on sustainability/sustainability challenges, sustainability-focused activities, or integrating sustainability challenges, issues, and concepts throughout the course.

Sustainably-Focused Courses

Department	Course Code	Course Title
Architecture	ARCH 5050	Architecture Topics: Community Planning Workshop
Architecture	ARCH 5302	Environmental Systems Principles
Architecture	ARCH 6306	Technology Topic: Art, Technology & Climate Change
Architecture	ARCH 6306	Technology Topics: Sustainable Facade Design
Architecture	ARCH 7101	Design Studio: Topical HOPESTEAD
Architecture	ARCH 7102	Design Studio Topics: Place-making with Sustainable Design Principles – A LEED-ND Studio
Architecture	ARCH 7102	Design Studio Topics: Sensor Data for Healthier Indoor Environments
Architecture	MUDD 5601	Community Planning Workshop
Architecture	MUDD 6101	Fundamentals of Urban Design Studio
Architecture	MUDD 6102	Urban Open Space and Infrastructure Design Studio
Architecture	MUDD 6205	Modern City: Theories and Forms
Architecture	MUDD 7102	Advanced Vertical Urbanism
Civil & Environmental Engineering	CEGR 5247	Sustainability
Civil & Environmental Engineering	INES 8104	Advanced Infrastructure Systems
Civil & Environmental Engineering	INES 8201	Environmental and Ecological Economics
Civil & Environmental Engineering	INES 8202	Renewable Energy
Geography & Earth Sciences	ESCI 5214	Global Ecosystems: Human Dimensions & Environmental Dynamics
Geography & Earth Sciences	GEOG 5215	Urban Ecology
Geography & Earth Sciences	GEOG 6210/8210	The Restructuring City
Geography & Earth Sciences	GEOG 8030	Topics Geographic Technology: Visual Geographic Information: Nature-Based Solutions (NBS) to Climate Change Mitigation
Geography & Earth Sciences	GEOG 8030	Topics Geographic Technology: Visual Geographic Information: Resilience Thinking Seminar
Engineering Technology and Construction Management	CMET 6000	Special Topics in Construction & Facility Management: Sustainable Infrastructure Systems
Languages and Culture Studies	MSMG 6190	Managerial Ethics and Leadership

Sustainably-Inclusive Courses		
Department	Course Code	Course Title
Architecture	ARCH 5050	Architecture Topics: Dilemmas of City Planning: Equity in Design
Architecture	ARCH 5202	Architectural History II: 1750-Present
Architecture	ARCH 5204	Architectural History: Topics: Humanitarian Architecture
Architecture	ARCH 5206	Professional Practice
Architecture	ARCH 5305	Building Systems Integration
Architecture	ARCH 5605	Computational Practice
Architecture	ARCH 6101	Design Studio: Fundamentals
Architecture	ARCH 6306	Technology Topic: Performance Based Parametric Design
Architecture	ARCH 7102	Design Studio Topics: Landscapes of the Imagination
Architecture	ARCH 7103	Design Studio Comprehensive
Architecture	MUDD 6606	GIS and Urban Mapping
Biological Sciences	BIOL 5244	Conservation Biology
Biological Sciences	BIOL 5258	Epidemics and Plagues
Chemistry	NANO 8351	
Civil & Environmental Engineering	CEGR 5145	Groundwater Resource Engineering
Civil & Environmental Engineering	CEGR 5147	Stormwater Management
Civil & Environmental Engineering	CEGR 5242	Wastewater Treatment Plant Design
Civil & Environmental Engineering	CEGR 5264	Landfill Design and Site Remediation
Civil & Environmental Engineering	CEGR 6141	Water Quality Modeling
Communication Studies	COMM 6000	Topics in Communication Studies: Public Relations Theory
Computer Science	ITCS 5156	Advanced Machine Learning
Counseling	CSLG 6145	Multicultural and Social Justice Counseling
Counseling	CSLG 7147	Multicultural Play Therapy
Data Science	DSBA 6208	Supply Chain Management
Economics	ECON 6090	Topics in Economics: Economic Analysis of Public Policy I
Educational Leadership	ADMN 8181	Equity and Social Justice in Adult Education
Electrical & Computer Engineering	ECGR 5171	Introduction to Energy Systems
Electrical & Computer Engineering	ECGR 5172	Energy Markets
Engineering Technology & Construction Management	CMET 5140	Building Energy Management
Engineering Technology & Construction Management	CMET 6135	Advanced Construction Planning & Management
Engineering Technology & Construction Management	CMET 6270	Operation of Constructed Facilities

Engineering Technology & Construction Management	ENER 5140	Energy Management
Engineering Technology & Construction Management	ENER 5250	Analysis of Renewable Energy Systems
English	ENGL 6687	Seminar in Global Literature: Contemporary Global Fiction
Finance	MSRE 6130	Site Planning
Finance	MSRE 6230	Construction Management
Finance	MSRE 6238	Real Estate and Urban Economics
Geography & Earth Sciences	ESCI 5140	Hydrologic Processes
Geography & Earth Sciences	ESCI 5222	Watershed Science
Geography & Earth Sciences	ESCI 6202	Biogeochemical Cycles
Geography & Earth Sciences	GEOG 5000	Topics in Geography: Introduction to Black Geographies
Geography & Earth Sciences	GEOG 5131	Environmental Modeling with GIS
Geography & Earth Sciences	GEOG 5210	Urban Planning Methods
Geography & Earth Sciences	GEOG 6010/8010	Topics GEOG GIS: Spatial Epidemiology
History	HIST 6330	History in the Digital Age
Industrial and Systems Engineering	EMGT 5961	Introduction to Energy Systems
Industrial and Systems Engineering	EMGT 5963	Energy Systems Planning
Interdisciplinary Studies	WGST 5050	Topics in Women's Studies: Gender, Race, and Education
Languages and Culture Studies	LTAM 5000	Topics in Latin American Studies: Religion and Social Change in Latin America
Languages and Culture Studies	LTAM 5600	Seminar in Latin American Studies: Commodity Extraction in Latin America
Management	MBAD 6101	Ethical Leadership
Management	MBAD 6141	Operations Management
Management	MBAD 6208	Supply Chain Management
Middle, Secondary, & K-12 Education	EDCI 6201/8201	Perspectives in Immigration and Urban Education
Middle, Secondary, & K-12 Education	EDCI 8180	Critical Issues and Perspectives in Urban Education
Middle, Secondary, & K-12 Education	EDCI 8182	Power, Privilege and Education
Middle, Secondary, & K-12 Education	EDCI 8186	Globalization, Urbanization, and Urban Schools
Middle, Secondary, & K-12 Education	EDCI 8260	History and Psychology of Racism
Middle, Secondary, & K-12 Education	EDCI 8261	Racial Identity Development

Middle, Secondary, & K-12 Education	EDCI 8262	Race in Education and Schooling
Middle, Secondary, & K-12 Education	EDCI 8263	Anti-Racist Activism in Education
Middle, Secondary, & K-12 Education	EDCI 8300	Social Stratification and Urban Schools and Communities
Middle, Secondary, & K-12 Education	EDCI 8314	Urban Educational Reform
Middle, Secondary, & K-12 Education	EDCI 8620	Pro-Seminar in Curriculum, Instruction, and Urban Education Leadership
Middle, Secondary, & K-12 Education	EDUC 6101	Culturally Responsive Classroom Management
Middle, Secondary, & K-12 Education	MDSK 5204	Equity and Education
Middle, Secondary, & K-12 Education	TESL 5204	Inclusive Classrooms for Immigrant Students
Nursing	NUDN 8160	Global Health & Social Justice
Philosophy	PHIL 5050	Topics in Philosophy: Indigenous Feminisms
Philosophy	PHIL 6250	Ethics of Public Policy
Political Science & Public Administration	MPAD 6184	Urban Politics
Political Science & Public Administration	MPAD 6292	Disaster Management
Political Science & Public Administration	PPOL 8600	Policy Process I
Political Science & Public Administration	PPOL 8640	Economic Analysis of Public Policy I
Psychological Science	HPSY 8155	Community Psychology
Psychological Science	HPSY 8243	Diversity in Health Psychology
Public Health Sciences	HADM 6104	Population Health and Disease
Public Health Sciences	HLTH 6000	Special Topics in Public Health: Spatial Epidemiology
Public Health Sciences	HLTH 6104	Population Perspectives on Nutrition and Physical Activity
Public Health Sciences	HLTH 6200	Case Studies in Public Health
Public Health Sciences	HLTH 6211	Evidence-Based Methods in Public Health
Public Health Sciences	HLTH 6213	Policy and Leadership
Public Health Sciences	HLTH 6220	Applied Health Behavior Change
Public Health Sciences	HLTH 6227	Community Health Planning and Evaluation
Public Health Sciences	HLTH 6228/8223	Social Determinants of Health
Public Health Sciences	HLTH 6273	Infectious Disease Epidemiology
Public Health Sciences	HLTH 6277	Nutritional Assessment and Epidemiology
Public Health Sciences	HLTH 6280	Epidemiology Capstone Course
Reading & Elementary Education	ELED 6260	History and Psychology of Racism
Reading & Elementary Education	ELED 6261	Racial Identity
Reading & Elementary Education	ELED 6262	Race in Education and Schooling
Reading & Elementary Education	ELED 6263	Anti-Racist Activism in Education
Reading & Elementary Education	SPED 8673	Doctoral Seminar in Diversity and Collaboration

Religious Studies	RELS 5000	Topics in Religious Studies: Religion and Social Change in Latin America
Social Work	SOWK 5090	Topics in Social Work: Social Work to Improve LGBT+ Equity
Social Work	SOWK 6141	Foundations of Social Work
Social Work	SOWK 6151	Social Work, Social Justice, and Diversity
Social Work	SOWK 6242	Advocacy & Policy Practice
Social Work	SOWK 7222	Advanced Social Work Practice with Organizations and Communities
Social Work	SOWK 7223	Advanced Social Work Practice with Organizations and Communities II
Sociology	SOCY 6616	Stratification & Inequality

