SUSTAINABILITY DUAL MAJOR

https://www.unh.edu/sustainability/program/sustainability-dual-major

Description

You love our forests, oceans, and lakes. You care about equity and social justice. You're curious about clean energy. The sustainability dual major is a unique opportunity to enhance your impact and the value of your degree. As a science and practice, sustainability seeks solutions to our world's greatest challenges while ensuring social, economic, and environmental wellbeing at local to global scales. You can pair the dual major with any other major on campus, developing the knowledge and skills you'll need to problem-solve and create a world where people and nature can thrive – now and in the future.

Requirements

Degree Requirements

Minimum Credit Requirement: 128 credits

Minimum Residency Requirement: 32 credits must be taken at UNH

Minimum GPA: 2.0 required for conferral*

Core Curriculum Required: Discovery & Writing Program Requirements

Foreign Language Requirement: Yes, if primary major is a Bachelor of Arts

Declared Primary Major

All Major, Option and Elective Requirements as indicated.
**Major GPA requirements as indicated.*

Sustainability Dual Major Requirements

The dual major requires 32 credits, including core and elective courses, and a capstone experience.

Code	Title	Credits
Complete the following SUST courses (in order):		
SUST 401	Exploring Sustainability	4
SUST 501	Sustainability in Action	4
SUST 750	Sustainability Capstone	4
Select 20 credits of elective courses [1]		20
Total Credits		**32**

[1] All SUST majors will take at least one (1) elective course from the natural & biological sciences list and at least one (1) elective course from the social science and humanities list.

Code	Title	Credits
APPROVED ELECTIVE COURSES		
Natural Biological Systems		
AGFS 405	Sustainable Agriculture and Food Production	4
AGFS 410	A Taste of the Tropics	4
AGFS 502	Agroecology	4
AGFS 632	Urban Agriculture	4
BIOL 541W	Ecology	4
CEE 505	Introduction to Sustainable Engineering	3
CEE 520	Environmental Pollution and Protection: A Global Context	4
CEE 706	Environmental Life Cycle Assessment	3
CEE 719	Green Building Design	3
CEP 673	Green Real Estate	4
ECOG 401	Introduction to Ecogastronomy	4
ESCI 405	Global Environmental Change	4
ESCI 409	Geology and the Environment	4
GEOG 550	Sub-Saharan Africa: Environmental Politics and Development	4
GEOG 560	Natural Hazards and Human Disasters	4
GEOG 574	Global Landscapes and Environmental Processes	4
ESCI 502	Beaches and Coasts	4
ESCI 765	Paleoclimatology	3
GEOG 572	Geography of the Natural Environment	4
GEOG 670	Climate and Society	4
HLS 580	Environmental and Human Security	4
MARI 705	Introduction to Marine Policy: Understanding US Ocean, Coastal and Great Lakes Policy	3
MEFB 702	Sustainable Marine Fisheries	4
MEFB 772	Fisheries Biology: Conservation and Management	4
NR 435	Contemporary Conservation Issues and Environmental Awareness	4
NR 507	Introduction to our Energy System and Sustainable Energy	4
NR 650	Principles of Conservation Biology	4
NR 703	Watershed Water Quality Management	4
NR 785	Systems Thinking for Sustainable Solutions	4
NUTR 595	Mediterranean Diet and Culture	4
NUTR 730	From Seed to Sea: Examining Sustainable Food Systems	4
SUST 600	Sustainability Independent Study	1-4
SUST 605	Sustainability Internship	1-4
Social Systems & Humanities		
ANTH 697	Special Topics	4
CMN 540	Special Topics in Communication (Introduction to Civil Discourse)	4
CLAS 540A	Environment, Technology and Ancient Society: Sustaining Ancient Rome Ecology and Empire	4
CMN 657W	Media and the Environment	4
CMN 675	Civil Discourse Lab: Public Dialogue, Equity, & Authenticity	2
ECON 633	Microfinance	4
ECON 706	Economics of Climate Change	4
ENGL 736	Environmental Theory	4
ENGL 787	English Major Seminar	4
FIN 620	Topics in Finance I	4
FIN 720	Topics in Finance II (The Finance of CSR and ESG Investing)	4
GEOG 405	There Is No Planet B	4
GEOG 500	Making Change: Social and Environmental Justice in Practice	4
GEOG 581	Society, Environment and Justice	4
GEOG 673	Political Ecology	4
GEOG 701	Environmental Justice	4
HMP 501	Epidemiology and Community Medicine	4
HMP 715	Environmental Health	4
IA 401	International Perspectives	4
INCO 505A	Becoming a Problem Solver	4
INCO 505B	Social Innovator's Toolbox	4
INCO 505I	Internship: Semester in the City (Boston) or Semester for Impact (NH)	8
MKTG 620	Topics in Marketing (Sustainability and Marketing)	4
NAIS 400	Introduction to Native American and Indigenous Studies	4
NR 444	The New Pirates of the Caribbean	4
NR 572	Introduction to Natural Resource Economics	4
NR 602	Natural Resources and Environmental Policy	4
NR 643	Economics of Forestry	4
NR 720	International Environmental Politics and Policies for the 21st Century	4
NR 724	Resolving Environmental Conflicts	4
NR 784	Sustainable Living - Global Perspectives	4
NR 787	Advanced Topics in Sustainable Energy	4
PHIL 431	Business Ethics	4
PAUL 670	BiP-Analytical Intelligence Topics (B-Impact Clinic, Carbon Clinic)	2
PHIL 450	Environmental Ethics	4
POLT 444	Politics and Policy in a Warming World	4
POLT 548	Drug Wars	4

PSYC 760W	Ecopsychology	4
RMP 511	Issues of Wilderness and Nature in American Society	4
SC 680	Global Supply Chain Management	4
SOC 444A	Honors/Society in the Arctic	4
SOC 450	Contemporary Social Problems	4
SOC 565	Environment and Society	4
SOC 665	Environmental Sociology	4
SOC 693	Global Change and Social Sustainability	4
SOC 730	Communities and the Environment	4
SUST 600	Sustainability Independent Study	1-4
SUST 605	Sustainability Internship	1-4
SW 440A	Honors/Healthy Communities: Environmental Justice and Social Change	4
WGS 505	Survey in Women's Studies	4
WGS 798W	Colloquium	4

Student Learning Outcomes

Program Learning Outcomes

Comprehend Grand Challenges

- Students gain knowledge of the fundamental aspects of complex sustainability challenges.

Think in Systems

- Students have an ability to analyze and synthesize the interconnections among environmental, social, and economic aspects of complex systems, as well as how problems manifest at different scales (local to global) and at different times (connections between past, present, and future).

Advocate for Values

- Students can identify, assess, respect, and navigate the diverse values, interests, and types of knowledge inherent in sustainability challenges, while simultaneously addressing power imbalances and promoting social justice.

Apply Knowledge to a Lifetime of Action

- Personal practice: Students understand how sustainability impacts their lives and can assess how their actions impact sustainability at personal, institutional, and societal levels.
- Professional practice: All students, regardless of major, understand how their professional work contributes to sustainable communities, can apply disciplinary and other forms of knowledge and skills to contribute to sustainable solutions.
- Collaborative practice: Students learn how to collaborate across disciplines and across sectors to jointly determine project goals, create knowledge, and develop innovative and effective solutions to sustainability challenges.