

BIOPHYSICAL SCIENCES

AGRO/ANSC 3203W Environment, Global Food Production, and the Citizen (3 credits)
AGRO 5321 Ecology of Agricultural Systems (3 credits)
BIOL 3407/3408W Ecology (3 credits)
CHEM 4601 Green Chemistry (3 credits)
EEB 3001 Ecology and Society (3 credits)
EEB 4609W Ecosystem Ecology (3 credits)
ESCI 3005 Earth Resources (3 credits)
ESCI 3402 Science and Politics of Global Warming (3 credits)
ESPM 3108 Ecology of Managed Systems (3 credits)
FNRM 3101 Park and Protected Area Tourism (3 credits)
FW 4102 Principles of Conservation Biology (3 credits)
GEOG 3401 Geography of Environmental Systems and Global Change (4 credits)
HORT 3131 Student Organic Farm Planning, Growing and Marketing (3 credits)
ID 3591 Environmental Sustainability: Adaptive Ecosystem Management (4 credits)

DESIGN AND TECHNOLOGY

ARCH 4561 Architecture and Ecology (3 credits)
BBE 4733 Renewable Energy Technologies (3 credits)
CE 3501 Environmental Engineering (3 credits)
CE 4561 Solid Hazardous Wastes (3 credits)
CHEN 5551 Survey of Renewable Energy Technologies (3 credits)
ESPM 3601/HSG 3482 Sustainable Housing: Community, Environment, and Technology (3 credits)
LA 3003 Case Studies in Sustainable Landscape Planning and Design (3 credits)
LA 3004 Regional Environmental Landscape Planning (4 credits)
LA 3501 Environmental Design and its Biological and Physical Context (3 credits)
LA 3541 Making the Mississippi (3 credits)
LA 4755 Infrastructure, Natural Systems, and Space of Inhabited Landscapes (3 credits)

URBS 3751 Understanding the Urban Environment (3 credits)

Check our website for updated lists of electives: z.umn.edu/SustElectives

Students may also petition other relevant courses for the elective requirement. For more information visit our website or email us at sustainu@umn.edu.

ALTERNATIVE CREDITS

Students are encouraged to expand their education beyond the classroom and can petition to have other experiences count toward the elective requirement.

- Sustainability Internship - SUST 4096
- Study Abroad: Up to 6 credits can count toward the minor. See our list of relevant programs at <http://z.umn.edu/SustAbroad> or petition another program
- Directed study with individual faculty members
- Higher Education Consortium for Urban Affairs (HECUA) off-campus study program



“The capstone project I did gave me experience working with a city government, collaborating with group members to help the city achieve sustainability goals.”

-UMN Sustainability Studies Student

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Sustainability Studies Minor



INSTITUTE ON THE
ENVIRONMENT

UNIVERSITY OF MINNESOTA
Driven to Discover™



What is sustainability?

Sustainability is balancing economic prosperity, social equity, and environmental integrity without compromising the needs of future generations.

Why study sustainability?

There is a growing demand in the job market for people who understand the interplay of economic, social and environmental factors. Sustainability Studies is a highly flexible and interdisciplinary minor that can be adapted to any profession.

- As of 2013, 82 Fortune 500 companies are official partners of the EPA (<http://www.epa.gov/greenpower/toplists/fortune500.htm>)
- The City of Minneapolis aims to increase green jobs by 30 percent between 2010 and 2015 through its education and financing programs, building policies, and business-to-business networking efforts (http://www.minneapolismn.gov/sustainability/indicators/sustainability_green-jobs)

What is the Sustainability Studies Minor?

The Sustainability Studies minor immerses students in the study of real-world problems from a variety of academic perspectives across natural, social and applied sciences as well as humanities and the arts. Courses offer opportunities for internships and practical experiences that can lead to fulfilling jobs upon graduation.



“[Because of the minor] I have been able to pursue and obtain positions aimed at raising awareness about our food system and how it affects health.”

-UMN Sustainability Studies Student



“The minor has been the catalyst for my current interest in the law and public health.”

-UMN Sustainability Studies Student

REQUIRED AND ELECTIVE CREDITS

The Sustainability Studies minor requires two core courses (6 credits) and three electives (9–12 credits) for a total of 15–18 credits.

CORE COURSES

- SUST 3003: Sustainable People, Sustainable Planet (3 cr.)
- SUST 4004 Sustainable Communities (3 cr.)

Choose three of the following, but not more than one in each category.

ECONOMICS AND POLICY

- AFEE 3361/5361 World Development Problems (3 credits)
- APEC 3611W/5611 Environmental and Natural Resource Economics (3 credits)
- CE 5212/PA 5232 Transportation Policy, Planning, and Deployment (4 credits)
- CE 5214 Transportation Systems Analysis (3 credits)
- EEB/FNRM 5146 Science and Policy of Global Environmental Change (3 credits)
- ESPM 3241W Natural Resources and Environmental Policy (3 credits)
- ESPM 3245 Sustainable Land Use and Planning Policy (3 credits)
- ESPM/LAS 3251 Natural Resources in Sustainable International Development (3 credits)
- ESPM 3261 Economics and Natural Resource Management (4 credits)
- ESPM 3602/5602 Regulations and Corporate Environmental Management (3 credits)
- ESPM 3603 Environmental Life Cycle Analysis (3 credits)
- ESPM 3604 Environmental Management Systems and Strategy (3 credits)
- ESPM 4242 Methods for Environmental and Natural Resource Policy Analysis (3 credits)
- MGMT 5019 Business, Natural Environment and Global Economy (2 credits)

SOCIAL SCIENCE AND HUMANITIES

- ANTH 3041 Ecological Anthropology (3 credits)
- ANTH 4053 Economy, Culture, and Critique (3 credits)
- ENGL 3501 Public Discourse: Coming to Terms with the Environment (3 credits)
- ESPM 3011W Ethics in Natural Resources (3 credits)
- GEOG 3379/GLOS 3303 Environment and Development in the Third World (3 credits)
- GLOS/SOC 3613W Stuffed and Starved: The Politics of Eating (3 credits)
- GLOS/SOC 4305 Environment & Society: An Enduring Conflict (3 credits)
- GLOS/SOC 4311 Power, Justice & the Environment (3 credits)
- HSCI 3244 History of Ecology and Environmentalism (3 credits)
- ID 3592 Environmental Sustainability: Dimensions of Environmental Change (4 credits)
- PHIL 3301 Environmental Ethics (4 credits)