



Twin Cities Campus

Sustainable Agriculture Minor

Agronomy & Plant Genetics, College of Food, Agri & Natural Resource Sciences

College of Food, Agricultural and Natural Resource Sciences

- Program Type: Undergraduate free-standing minor
- Requirements for this program are current for Fall 2020
- Required credits in this minor: 17 to 18

This minor allows students to study the sustainability of agricultural food systems from an integrated perspective, including coursework, practical experience, and community reflection. Required courses and courses from the foundational clusters and public policy; agriculture, environment, and natural resources; and citizens, science, and society define the student's minor curriculum. In addition, each student works with a minor adviser to design an individualized practical experience (e.g., internship, experiential learning opportunity) in some aspect of sustainable agriculture. Through the Issues in Sustainable Agriculture course, students synthesize their learning about sustainability for local, national, and global agricultural food systems. For this minor, students must complete 3-6 credits of required courses and 9-14 credits of foundational coursework, for a total of at least 17 credits.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Minor Courses

[AGRO 4888](#) - Issues in Sustainable Agriculture (2.0 cr)

Take 1-3 credit(s) of SAGR 4096 or an equivalent internship course

[SAGR 4096](#) - Professional Experience Program: Internship in Sustainable Agriculture (1.0 - 3.0 cr)

Foundation Course Clusters

Select at least one course from each of the following clusters. Other courses may be substituted with approval of the minor adviser and coordinator.

Take 12 or more credit(s) including 3 or more sub-requirements(s) from the following:

Land and Public Policy

- [ESPM 3221](#) - Soil Conservation and Land-Use Management (3.0 cr)
- or [ESPM 3241W](#) - Natural Resource and Environmental Policy [SOCS, CIV, WI] (3.0 cr)
- or [ESPM 3251](#) - Natural Resources in Sustainable International Development [GP] (3.0 cr)
- or [GEOG 3361W](#) ~~(Inactive)~~[WI] (3.0 cr)
- or [PA 5002](#) - Introduction to Policy Analysis (1.5 cr)
- or [WRIT 3315](#) - Writing on Issues of Land and the Environment [AH, DSJ] (3.0 cr)

•Agriculture/Environment and Natural Resources

- [AGRO 1103](#) - Crops, Environment, and Society [ENV] (4.0 cr)
- or [AGRO 5999](#) - Special Topics: Workshop in Agronomy (1.0 - 6.0 cr)
- or [AMIN 3312](#) - American Indian Environmental Issues and Ecological Perspectives [ENV] (3.0 cr)
- or [ANSC 1101](#) - Introductory Animal Science (4.0 cr)
- or [APEC 3611W](#) - Environmental and Natural Resource Economics [ENV, WI] (3.0 cr)
- or [APEC 3811](#) - Principles of Farm Management (3.0 cr)
- or [APS 5103](#) - Integration of Sustainable Agriculture Concepts (3.0 cr)
- or [EEB 4609W](#) - Ecosystem Ecology [ENV, WI] (3.0 cr)
- or [ENT 4021](#) - Honey Bees and Insect Societies (3.0 cr)
- or [ESPM 1011](#) - Issues in the Environment [ENV] (3.0 cr)
- or [ESPM 3108](#) - Ecology of Managed Systems [ENV] (3.0 cr)
- or [ESPM 3245](#) - Sustainable Land Use Planning and Policy [ENV] (3.0 cr)
- or [GEOG 3401W](#) - Geography of Environmental Systems and Global Change [ENV, WI] (3.0 cr)
- or [HORT 1014](#) - The Edible Landscape [TS] (3.0 cr)
- or [HORT 5131](#) - Student Organic Farm Planning, Growing, and Marketing (3.0 cr)
- or [HECU 3591](#) ~~(Inactive)~~(4.0 cr)
- or [PLPA 2001](#) - Introductory Plant Pathology (3.0 cr)
- or [SOIL 2125](#) - Basic Soil Science [PHYS, ENV] (4.0 cr)
- or [AGRO 3203W](#) - Environment, Global Food Production, and the Citizen [GP, WI] (3.0 cr)
- or [ANSC 3203W](#) - Environment, Global Food Production, and the Citizen [GP, WI] (3.0 cr)

•Citizens/Science and Society



- [BBE 3201](#) - Sustainability of Food Systems: A Life Cycle Perspective [GP] (3.0 cr)
- or [CHIC 3374](#) - Migrant Farmworkers in the United States: Families, Work, and Advocacy [CIV] (4.0 cr)
- or [ENGL 3071](#) - The American Food Revolution in Literature and Television [CIV] (3.0 cr)
- or [ESPM 3011W](#) - Ethics in Natural Resources [CIV, WI] (3.0 cr)
- or [ESPM 3202W](#) - Environmental Conflict Management, Leadership, and Planning [WI] (3.0 cr)
- or [GLOS 3305](#) - Science for Sale: Environment, Capital, and Medicine (3.0 cr)
- or HECU 3592 (*Inactive*) (4.0 cr)
- or [SUST 3003](#) - Sustainable People, Sustainable Planet [ENV] (3.0 cr)
- or [WRIT 3371W](#) - Technology, Self, and Society [TS, WI] (3.0 cr)
- or [GCC 3017](#) - World Food Problems: Agronomics, Economics and Hunger [GP] (3.0 cr)