The Plant Science major provides a broad course of study in plant sciences, as well as options to concentrate more specifically within an area of individual interest. The major prepares students for rewarding careers in diverse areas, such as research and development (plant breeding/genetics or plant molecular biology); food and plant production (sustainable and organic production/floriculture and nursery production); plant use and function (restoration of damaged landscapes); and management of landscapes (agroecology/turfgrass management).

Tracks in this major include:

- Plant Breeding
- Horticultural Production
- Nursery and Floriculture
- Sustainable Plant Health
- Turfgrass Science
- Agroecology
- Agronomy Production

Students gain experience in the use of plants to produce food and other useful products, alter environments, restore damaged landscapes, improve human health and well-being, educate people about science and agriculture, improve community environments, and provide recreational and practical benefits to the public.
Student Experiences

There are more than 900+ student groups that you can get involved in at the University of Minnesota. Specifically, our CFANS student groups are designed to help you gain real-world experience and meet fellow students who share your interests.

Some groups that are popular with students in this major include:

- Horticulture Club
- Gopher Crops and Soils Club
- West Bank Community Garden/Students for Sustainability

Study Abroad Options

More than 250 study abroad programs in 70 countries are available to University of Minnesota students. Study abroad can offer a global perspective on your studies in agriculture. [Learn more about CFANS study abroad options.](#)

You might also explore

- [Horticulture Minor](#)
- [Biology](#)
Landscape Design and Planning
Plant and Microbial Biology

**Associated Careers**

Agricultural Engineers, Agricultural and Food Scientists, Agronomy Managers, Biological Scientists, Buyers, Environmental Scientists, Floral Designers, Greenhouse Growers and Managers, Golf Course Superintendents, Landscape Architects, Landscapers and Groundskeepers Pharmacists, Sales Associates, Science Technicians, Wetland Mitigation Program Assistants