

Crop and Weed Science

Department Information

- **Department Location:**
Loftsgard Hall
- **Department Phone:**
701-231-7971
- **Department Web Site:**
www.ag.ndsu.edu/plantsciences/
- **Degrees Offered:**
B.S.
- **Official Program Curriculum:**
bulletin.ndsu.edu/undergraduate/program-curriculum/crop-weed-science/

Crop and Weed Sciences Major

Instruction in crop and weed sciences includes field and forage crop production and management, weed science, general and plant genetics, plant breeding, and biotechnology. The study of botany and other plant sciences, entomology, plant pathology, and soil science is basic or related to crop and weed sciences. Students may obtain either a major or minor. The Crop and Weed Sciences major or minor is intended for general use in sales, research, and technical services (crop consultant) of agribusinesses involved in seed, chemical, and other plant production, protection, and management aspects; in natural resources conservation service; by those interested in production agriculture; or as a prerequisite for graduate study. For more details on M.S. and Ph.D. degrees, see the Graduate School Bulletin (<http://bulletin.ndsu.edu/past-bulletin-archive/2018-19/graduate>).

Curriculum Options

Students select one of the following options within Crop and Weed Sciences:

- **Agronomy:** This option is for students most interested in production agriculture. This is the most popular option with students and provides the most flexibility of free elective course selection. Completing the basic crop and weed sciences curriculum fulfills this option.
- **Biotechnology:** This option is intended for students who wish to work in the biotechnology industry or pursue graduate study in the crop biotechnology area. Students interested in biotechnology also may pursue the interdisciplinary Biotechnology major.
- **Science:** This option is intended for students who are interested in laboratory careers or who want more basic science courses as a foundation for graduate studies.
- **Weed Science:** This option is intended for students interested in crop consulting, weed science, or integrated pest management. Additional courses in pest management are required to provide exposure to common issues encountered in these careers and practice in diagnosis and resolution.

Special Opportunities

Agronomy Club: The Agronomy Club meets twice each month. Members join in campus and community activities, arrange speakers on agricultural topics, and participate in meetings and contests at the regional and national levels. The club also coordinates tours to local agribusinesses to gain a better perspective of career opportunities. Students with an interest in agriculture are encouraged to attend, regardless of chosen major.

Crop and Weed Sciences Minor

Students may minor in Crop and Weed Sciences by selecting a total of 18 credits of study in crop and weed sciences or closely related fields.

Plan of Study

Please note this is a sample plan of study and not an official curriculum. Actual student schedules for each semester will vary depending on start year, education goals, applicable transfer credit, and course availability. Students are encouraged to work with their academic advisor on a regular basis to review degree progress and customize an individual plan of study.

First Year			
Fall	Credits	Spring	Credits
PLSC 189	1	SOIL 210	3
PLSC 110	3	BIOL 151	3
BIOL 150	3	BIOL 151L	1
BIOL 150L	1	ENGL 120	3

ENGL 110	4	Gen Ed Social & Behavioral Sci	3
MATH 103	3	Gen Ed Wellness	2
	15		15
Second Year			
Fall	Credits	Spring	Credits
PLSC 215	1	PLSC 225	3
PPTH 324	3	PLSC 312	1
CHEM 121	3	MICR 202	2
CHEM 121L	1	MICR 202L	1
COMM 110	3	CHEM 122	3
Gen Ed Humanities/Fine Arts & Cult Diversity	3	CHEM 122L	1
Free Elective	2	ECON 201	3
		STAT 330	3
	16		17
Third Year			
Fall	Credits	Spring	Credits
PLSC 320	3	PLSC 315	3
ENT 350	3	PLSC 315L	1
CHEM 240 or BOT 460	3	PLSC 323	3
Gen Ed Humanities/Fine Arts	3	SOIL 322	3
Free Elective	3	PLSC 380	3
		Free Elective	3
	15		16
Fourth Year			
Fall	Credits	Spring	Credits
PLSC 444	3	PLSC 455	3
PLSC upper level elective	2	PLSC 491	1
PLSC upper level elective	2	Free Elective	3
ENGL 320, 321, or 324	3	Free Elective	3
Free Elective	3	Free Elective	3
	13		13
Total Credits: 120			