

Agricultural Education

Department Information

- **Department Web Site:**
www.ndsu.edu/education/ (<http://www.ndsu.edu/education/>)
- **Credential Offered:**
B.S.
- **Official Program Curriculum:**
catalog.ndsu.edu/undergraduate/program-curriculum/agricultural-education/ (<http://catalog.ndsu.edu/undergraduate/program-curriculum/agricultural-education/>)

The agricultural education major has two pathways to prepare future educators:

A) **Teacher Licensure Pathway**- prepares candidates to teach at the middle, secondary, post-secondary and adult levels in agricultural education programs. North Dakota State University is designated by the State Board of Career and Technical Education as the recognized institution for preparing teachers of agricultural education.

B) **Training and Development Pathway** - prepares candidates to develop and deliver educational programming in corporate training settings, Extension, and non-profit organizations. Students will learn to work with youth and adults in diverse educational environments. This pathway and program is unique to North Dakota State University.

The Program

The agricultural education major is designed to combine general studies, preparation for effective teaching and learning, and a broad background in the various disciplines in agriculture. Courses in agricultural economics, agricultural systems management, animal and range science, plant sciences, horticulture, and soil science provide the necessary background in modern agriculture. A wide array of elective courses are also available in agriculture content areas.

Professional Education Courses

The Agricultural Education Teacher Licensure program is a collaboratively delivered program between the Department of Youth Development, Family, and Agricultural Education in the College of Agriculture, Food, Systems, and Natural Resources as well as the School of Education in the College of Arts and Sciences. Teacher candidates may enroll in the 200 and 300-level professional education courses (H&CE and EDUC) before being formally admitted to School of Education (SOE) coursework. Prior to enrolling in the 400-level EDUC courses, teacher candidates must complete the application for admission to the SOE. Requirements for admission can be found at the NDSU Teacher Education (<https://www.ndsu.edu/ted/admission/undergraduate/>) website.

Internship Capstones

Each of the pathways in Agricultural Education major require an internship as the capstone experience to the degree. In the Teacher Licensure Pathway, that internship is Student Teaching. During Student Teaching, teacher candidates apply the knowledge and skills acquired in their college courses to real-world classrooms under the supervision of experienced agricultural educators in middle or secondary schools.

In the Training and Development Pathway, the internship is typically within the corporate setting or within an Extension setting. These candidates will also apply content and teaching and learning skills in their respective setting. They will develop and evaluate educational programming in a real-world setting, impacting the lives of others.

Student Advisement

Students are assigned to one of the faculty members in agricultural education who will work closely in program planning and in other ways to advise and assist them. Students are encouraged to seek their advisors' help whenever needed.

LICENSURE

Upon completing this program, teacher licensure candidates are eligible for certification to teach agricultural education in most states. Our program is accredited by the Council for the Accreditation of Educator Preparation (CAEP) and approved by the North Dakota Education Standards and Practices Board (ESPB).

Career Opportunities

Agriculture Teachers continue to be in high demand around the country. Most agricultural education teachers in North Dakota are on extended contracts and receive stipends for serving as an FFA advisor. The industry of agriculture is constantly looking for people with broad content knowledge and valuable people skills. No matter the pathway in Ag Ed, graduates will find themselves in high demand.

Ag Ed Society

The purpose of the Agricultural Education Society (<https://myndsu.ndsu.edu/organization/ndsuaedsociety/>) is to foster professional development, service, and community building among students, especially those in Agricultural and Extension Education. We aim to provide a place for students passionate for Agricultural Education to share their passion and grow professionally and personally.

Financial Aid and Scholarships

Students seeking financial aid should contact the Office of Financial Aid and Scholarships or One Stop. To inquire about scholarship opportunities, contact the Office of Admission. The College of Agriculture, Food Systems, and Natural Resources and the North Dakota FFA Foundation offer scholarships at \$500-\$1,000 or more.

Sample Program Guide

IMPORTANT DISCLAIMER: This guide is not an official curriculum. This guide is a sample four-year degree plan of how students might plan this major with other degree requirements to complete their education in four years. Student plans will vary from this sample due to a variety of factors, such as, but not limited to, start year, education goals, transfer credit, and course availability. To ensure proper degree completion, enrolled students should utilize Degree Map (<https://www.ndsu.edu/registrar/degreemap/>) and Schedule Planner (<https://www.ndsu.edu/onestop/degree-map-and-planning/>) in Campus Connection and consult regularly with academic advisors to ensure graduation requirements are being met.

First Year			
Fall	Credits	Spring	Credits
ANSC 114		3 ANSC 223	2
ENGL 110		3 ASM 125	3
PLSC 110		3 CHEM 117 or 121	3
Gen Ed Social & Behavioral Science		3 CHEM 117L or 121L	1
Gen Ed Wellness		2 ENGL 120	3
		MATH 103	3
		14	15
Second Year			
Fall	Credits	Spring	Credits
AGEC 242		3 EDUC 322	3
COMM 110		3 H&CE 232	3
EDUC 321		3 AGECE 244 or 350	3
PLSC 210		3 Gen Ed Hum/Fine Arts & Cult Div Gen Ed	3
PLSC 211		1 300 level PLSC Elective	3
BIOL Course plus Lab		4 Apply to the School of Education	
Complete Core Academic Skills test or access your ACT+ scores			
		17	15
Third Year			
Fall	Credits	Spring	Credits
EDUC 451		3 EDUC 489	3
H&CE 467		3 H&CE 480	3
STAT 330		3 SOIL 210	3
ASM/ABEN Elective		3 ANSC Elective	3
Gen Ed Hum/Fine Arts Gen Ed		3 ASM/ABEN Elective	3
		Gen Ed Upper Division Writing	3
		15	18
Fourth Year			
Fall	Credits	Spring	Credits
EDUC 486		3 H&CE 483	1

H&CE 481	3	H&CE 487	9
H&CE 446	3	H&CE 488	3
ANSC Elective	3		
Gen Ed Social & Behavioral Sciences	3		
Complete PLT (grades 7-12) Exam			
Complete Subject Area Assessment Exam			
	15		13

Total Credits: 122

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First Year			
Fall	Credits	Spring	Credits
ANSC 114		3 CSCI 114	3
PLSC 110		3 ANSC 223	2
ENGL 110		3 ENGL 120	3
COMM 110		3 ASM 125	3
MATH 103		3 BIOL Course and Lab	4
	15		15
Second Year			
Fall	Credits	Spring	Credits
CFS 210		3 H&CE 232	3
H&CE 446		3 AGECE 244 or 350	3
EDUC 322		3 SOIL 210	3
AGECE 242		3 CAFSNR Elective	3
STAT 330		3 Gen Ed Social & Behavioral Sciences	3
H&CE 196		1	
	16		15
Third Year			
Fall	Credits	Spring	Credits
ENGL 459		3 H&CE 445	3
PLSC 225		3 H&CE 196	1
EDUC 451		3 CAFSNR Electives	6
H&CE 467		3 Electives	3
Gen Ed Humanities & Fine Arts & Cultural Diversity		3	
Gen Ed Wellness		2	
	17		13
Fourth Year			
Fall	Credits	Spring	Credits
H&CE 196		1 H&CE 496 (Internship)	10

CAFSNR Electives	6	Gen Ed Social & Behavioral Sciences	3
Gen Ed Humanities & Fine Arts	3		
Electives	6		
	16		13
Total Credits: 120			