

Agricultural Education

Department Information

- **Department Location:**
Katherine Kilbourne Burgum Family Life, 4-H Center 210
- **Department Phone:**
701-231-7439
- **Department Web Site:**
www.ndsu.edu/ted/ (<http://www.ndsu.edu/ted/>)
- **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 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.

Agricultural education teacher candidates begin their preparatory work in the pre-agricultural education program offered through the College of Agriculture, Food Systems, and Natural Resources.

The Program

The agricultural education major is designed to combine general studies, preparation for effective teaching, and a broad background in the various disciplines in agriculture. Those preparing to become teachers of agriculture are expected to possess a broad general education necessary for them to function as citizens and educators in our dynamic society. Courses in natural sciences, mathematics, social sciences, humanities, English, communication and speech will help provide a general education and the skills needed for more advanced courses in agriculture and other areas. Courses in agricultural economics, agricultural systems management, animal and range science, plant sciences, horticulture and soil science provide the necessary background in agriculture. Electives also are available in entomology, veterinary science, plant pathology and cereal science. Skills in organizing, planning, communicating and teaching are developed by taking courses in psychology, sociology, education and a series of other courses in various aspects of agricultural education.

Professional Education Courses

Teacher candidates may enroll in the 300-level professional education courses before being formally admitted to the School of Education (SOE). Prior to enrolling in the 400-level courses, teacher candidates must complete the application for admission to the SOE; attain a minimum of a 2.75 grade point average overall in their course work and education courses; and pass the Praxis Core Academic Skills for Educators test or meet minimum scores on the ACT+. Requirements for admission can be found at the School of Education website (<https://www.ndsu.edu/education/>).

Student Teaching

Student teaching (clinical practice) is the culmination of the teaching program. During the clinical practice, 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. Faculty members from NDSU conduct monthly on-site visits to support, encourage, and evaluate teacher candidates so that they gain the confidence and ability to join the teaching profession after graduation.

Occupational Experience

An appropriate background of work experience in agriculture is essential for those planning to teach agriculture. Teacher candidates lacking this experience will need to seek such experience through internships, employment and other means. Cooperative Education experiences are available. A background in high school agriculture and FFA is also helpful, although not required.

Student Advisement

Students are assigned to the faculty member 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. Appointments with advisors can be scheduled through the Navigate online system found on the Student Affairs web page.

LICENSURE

Upon completing this program, teacher 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

For several years, there have been favorable employment opportunities for those prepared to teach agricultural education. Most agricultural education teachers in North Dakota are on extended contracts and receive stipends for serving as an FFA advisor. Other graduates seek employment in Cooperative Extension, farming, agricultural finance, agribusiness, and government agencies in agriculture, or continue their studies at the graduate level.

Collegiate FFA Chapter

The primary purpose of the Collegiate FFA Chapter is to prepare graduates in agricultural education to serve as advisors of secondary FFA chapters. Teacher candidates majoring in agricultural education are encouraged to participate actively in the activities of the NDSU Collegiate FFA Chapter.

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; the College of Human Sciences and Education, and the North Dakota FFA Foundation offer scholarships ranging from \$500-\$1,000.

Sample Program Guide

Please note this is a sample program guide 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. Once admitted, students are encouraged to work with their assigned academic advisor on a regular basis to review degree progress.

First Year			
Fall	Credits	Spring	Credits
AGRI 189		1 ANSC 223	2
ANSC 114		3 ASM 125	3
ENGL 110		3 CHEM 117 or 121	3
HNES 100 or 111		2 CHEM 117L or 121L	1
PLSC 110		3 ECON 201	3
STAT 330		3 ENGL 120	3
		15	15
Second Year			
Fall	Credits	Spring	Credits
AGEC 242		3 EDUC 322	3
EDUC 321		3 COMM 110	3
H&CE 232		3 ANSC Elective	3
BIOL Course plus Lab		4 Humanities & Fine Arts Gen Ed	3
Social & Behavioral Science Gen. Ed.		3 PLSC Elective	3
Complete Core Academic Skills test or access your ACT+ scores		Apply to the School of Education	
		16	15
Third Year			
Fall	Credits	Spring	Credits
EDUC 451		3 EDUC 489	3
H&CE 444		3 H&CE 480	3
PLSC 210		3 IME 335	3
PLSC 211		1 SOIL 210	3

ASM/Engineering Elective	3	ASM/Engineering Elective	3
Humanities & Fine Arts Gen Ed	3	ENGL Upper Division Requirement	3
16		18	

Fourth Year			
Fall	Credits	Spring	Credits
EDUC 486		3 H&CE 483	1
H&CE 481		3 H&CE 487	9
AGEC Elective		3 H&CE 488	3
ANSC Elective		3	
AGRI Elective		3	
Apply for Student Teaching			
Complete PLT (grades 7-12) Exam			
Complete Subject Area Assessment Exam			
15		13	

Total Credits: 123