

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 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.

Student Advisement

Students are assigned to one of the 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 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

There are favorable employment opportunities for those prepared to teach agricultural education in the multi-state region of NDSU. 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.

Ag Ed Society

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

Sample Program Guide

IMPORTANT DISCLAIMER: A Sample Program Guide provides an unofficial guide of program requirements and should be used by prospective students who are considering attending NDSU in the future. It is NOT an official curriculum and should NOT be used by current NDSU students for official degree planning purposes. Note that the official curriculum used by current NDSU students can vary from the Sample Program Guide due to a variety of factors such as, but not limited to, start year, education goals, transfer credit, and course availability.

To ensure proper program 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 their academic advisor to ensure 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 |
| Category B: Social & Behavioral Science | | 3 CHEM 117L or 121L | 1 |
| Category W: Wellness | | 2-3 ENGL 120 | 3 |
| | | MATH 103 | 3 |
| 14-15 | | | 15 |
| Second Year | | | |
| Fall | Credits | Spring | Credits |
| AGEC 242 | | 3 EDUC 322 | 3 |
| COMM 110 | | 3 H&CE 232 | 3 |
| EDUC 321 | | 3 Category A: Hum/Fine Arts & Cult Div Gen Ed | 3 |
| BIOL Course plus Lab | | 4 AGECE 244 or 350 | 3 |
| PLSC 210 | | 3 300 level PLSC Elective | 3 |
| PLSC 211 | | 1 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 |
| ASM/ABEN Elective | | 3 SOIL 210 | 3 |
| Category A: Hum/Fine Arts Gen Ed | | 3 ANSC Elective | 3 |
| STAT 330 | | 3 ASM/ABEN Elective | 3 |

| | | | |
|--|--|--|-----------|
| | | Category C: Upper Division Writing Gen Ed | 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 | |
| Category B: Social & Behavioral Sciences | | 3 | |
| Complete PLT (grades 7-12) Exam | | | |
| Complete Subject Area Assessment Exam | | | |
| | | 15 | 13 |

Total Credits: 122-123

| First Year | | | |
|-------------------|----------------|-----------------------|----------------|
| Fall | Credits | Spring | Credits |
| ANSC 114 | | 3 CSCI 114 | 3 |
| PLSC 110 | | 3 ANSC 223 | 2 |
| ENGL 110 | | 3 BIOL Course and Lab | 4 |
| COMM 110 | | 3 ENGL 120 | 3 |
| MATH 103 | | 3 ASM 125 | 3 |
| | | 15 | 15 |

| Second Year | | | |
|--------------------|----------------|---|----------------|
| Fall | Credits | Spring | Credits |
| CFS 210 | | 3 H&CE 232 | 3 |
| H&CE 446 | | 3 CAFSNR Elective | 3 |
| EDUC 322 | | 3 AGECE 244 or 350 | 3 |
| AGECE 242 | | 3 SOIL 210 | 3 |
| STAT 330 | | 3 Category B: 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 CAFSNR Electives | 6 |
| Category A: Humanities & Fine Arts - Cultural Diversity | | 3 Electives | 5-6 |
| EDUC 451 | | 3 H&CE 196 | 1 |
| H&CE 467 | | 3 | |
| Category W: Wellness | | 2-3 | |
| | | 17-18 | 15-16 |

| Fourth Year | | | |
|------------------------------------|----------------|--|----------------|
| Fall | Credits | Spring | Credits |
| H&CE 196 | | 1 H&CE 496 (Internship) | 10 |
| CAFSNR Electives | | 6 Category B: Social & Behavioral Sciences | 3 |
| Electives | | 6 | |
| Category A: Humanities & Fine Arts | | 3 | |
| | | 16 | 13 |
| Total Credits: 122-124 | | | |