

# Agricultural Education

---

## Department Information

- **Department Location:**  
Katherine Kilbourne Burgum Family Life, 4-H Center
- **Department Phone:**  
701-231-7921
- **Department Web Site:**  
[www.ndsu.edu/education/](http://www.ndsu.edu/education/) (<http://www.ndsu.edu/education/>)
- **Credential Offered:**  
B.S.
- **Plan Of Study Sample:**  
[catalog.ndsu.edu/programs-study/undergraduate/agricultural-education/#planofstudytext](http://catalog.ndsu.edu/programs-study/undergraduate/agricultural-education/#planofstudytext) (<http://catalog.ndsu.edu/programs-study/undergraduate/agricultural-education/#planofstudytext>)

## Major Requirements

### Major: Agriculture Education

**Degree Type:** B.S.

**Minimum Degree Credits to Graduate:** 130

### University Degree Requirements

1. Satisfactory completion of all requirements of the curriculum in which one is enrolled.
2. Earn a minimum total of 120 credits in approved coursework. Some academic programs exceed this minimum.
3. Satisfactory completion of the general education requirements as specified by the university.
4. A minimum institutional GPA of 2.00 based on work taken at NDSU.
5. At least 36 credits presented for graduation must be in courses numbered 300 or higher.
6. Transfer Students: Must earn a minimum of 60 credits from a baccalaureate-degree granting or professional institution.
  - a. Of these 60, at least 36 must be NDSU resident credits as defined in #7.
  - b. Within the 36 resident credits, a minimum of 15 must be in courses numbered 300 or higher and 15 credits in the major field of study.
7. At least 36 credits must be NDSU resident credits. Resident credits include credits registered and paid for at NDSU.

For complete information, please refer to the Degree and Graduation Requirements (<http://catalog.ndsu.edu/past-bulletin-archive/2021-22/academic-policies/undergraduate-policies/degree-and-graduation/>) section of this Bulletin.

### University General Education Requirements

Code	Title	Credits
<b>Communication (C)</b>		<b>12</b>
ENGL 110	College Composition I	
ENGL 120	College Composition II	
COMM 110	Fundamentals of Public Speaking	
Upper Division Writing <sup>†</sup>		
<b>Quantitative Reasoning (R) <sup>†</sup></b>		<b>3</b>
<b>Science and Technology (S) <sup>†</sup></b>		<b>10</b>
<b>Humanities and Fine Arts (A) <sup>†</sup></b>		<b>6</b>
<b>Social and Behavioral Sciences (B) <sup>†</sup></b>		<b>6</b>
<b>Wellness (W) <sup>†</sup></b>		<b>2</b>
<b>Cultural Diversity (D) <sup>*†</sup></b>		
<b>Global Perspectives (G) <sup>*†</sup></b>		
<b>Total Credits</b>		<b>39</b>

- \* May be satisfied by completing courses in another General Education category.
- † General education courses may be used to satisfy requirements for both general education and the major, minor, and program emphases, where applicable. Students should carefully review major requirements to determine if specific courses can also satisfy these general education categories.
- A list of university approved general education courses and administrative policies are available here (<http://catalog.ndsu.edu/past-bulletin-archive/2021-22/academic-policies/undergraduate-policies/general-education/#genedcoursestext>).

## Major Requirements

The Agricultural Education Requirements also includes those courses listed in the General Education categories of Science and Technology and Social & Behavioral Sciences.

Code	Title	Credits
<b>Agriculture Education Requirements</b>		
ENGL 358 or ENGL 324 or ENGL 320 or ENGL 459	Writing in the Humanities and Social Sciences Writing in the Sciences Business and Professional Writing Researching and Writing Grants and Proposal	3
STAT 330	Introductory Statistics	3
ECON 201 or ECON 202	Principles of Microeconomics (May satisfy general education category B and G) Principles of Macroeconomics	3
BIOL 124 & BIOL 100L or BIOL 111 & BIOL 100L	Environmental Science and Non-Majors Biology Lab Concepts of Biology and Non-Majors Biology Lab	4
Select one of the following:		4
CHEM 117 & 117L	Chemical Concepts and Applications and Chem Concepts and Applications Lab (May satisfy general education category S)	
CHEM 121 & 121L	General Chemistry I and General Chemistry I Laboratory (May satisfy general education category S)	
<b>Teaching Specialty Requirements</b>		
AGEC 242	Introduction to Agricultural Management	3
AGEC	Ag Econ Electives	3
ASM 125	Fabrication & Construction Technology	3
Ag Systems/Engineering Electives	May select courses from ASM, ABEN, CME with advisor approval	6
IME 335	Welding Technology	3
ANSC 114	Introduction to Animal Sciences	3
ANSC 223	Introduction to Animal Nutrition	2
ANSC	Animal Science Electives	6
PLSC 210	Horticulture Science	3
PLSC 211	Horticulture Science Lab	1
SOIL 210	Introduction to Soil Science	3
PLSC or SOIL	Plant Science or Soil Science Elective	3
Agriculture Elective		3
<b>Professional Education Requirements</b>		
EDUC 321	Introduction to Teaching	3
EDUC 322	Educational Psychology	3
EDUC 451	Instructional Planning, Methods and Assessment	3
EDUC 486	Classroom Management for Diverse Learners	3
EDUC 489	Teaching Students of Diverse Backgrounds	3
H&CE 232	Philosophy and Policy (of CTE)	3
H&CE 444	Planning the Community Program in Agricultural Education	3
H&CE 480	Science, Technology, Engineering & Mathematics Teaching Methods in Agricultural Education	3
H&CE 481	Methods of Teaching Agriculture	3
H&CE 483	Student Teaching Seminar	1

H&CE 487	Student Teaching	9
H&CE 488	Applied Student Teaching	3
<b>Total Credits</b>		<b>99</b>

### **Degree Requirements and Notes**

- See School of Education website for admission requirements
- Courses taken P/F may not be used to satisfy any requirements
- A grade of 'C' or better is required in all professional education courses.
- To be placed in student teaching, a 2.75 cumulative GPA and a 2.75 GPA in professional education coursework are required.
- To exit the program, a 2.75 cumulative GPA and a 2.75 GPA in professional education coursework are required, as well as completing the Praxis Subject test and the Principles of Learning and Teaching Test.