Agricultural Education

Department Information

- **Department Web Site:**
  www.ndsu.edu/education/ (http://www.ndsu.edu/education/)
- **Credential Offered:**
  B.S.
- **Sample Program Guide:**
  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: 120

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 30 credits must be NDSU resident credits. Resident credits include credits registered and paid for at NDSU.
6. At least 36 credits presented for graduation must be in courses numbered 300 or higher.
7. Students presenting transfer credit must meet the NDSU residence credits and the minimum upper level credit. Of the 30 credits earned in residence, a minimum of 15 semester credits must be in courses numbered 300 or above, and 15 semester credits must be in the student's curricula for their declared major.

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

University General Education Requirements

A list of university approved general education courses and administrative policies are available here (http://catalog.ndsu.edu/academic-policies/undergraduate-policies/general-education/#genedcoursestext).

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

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Courses for category D & G are satisfied by completing D & G designated 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.

Major Requirements

Code	Title	Credits
Agriculture Education Core Requirements		
AGEC 242	Introduction to Agricultural Management	3
AGEC 244	Agricultural Marketing	3
or AGEC 350	Agrisales	
ANSC 114	Introduction to Animal Sciences	3
ANSC 223	Introduction to Animal Nutrition	2
ASM 125	Fabrication & Construction Technology	3
Select one pair from the following:		4
BIOL 111 & BIOL 100L	Concepts of Biology and Non-Majors Biology Lab	
BIOL 124 & BIOL 100L	Environmental Science and Non-Majors Biology Lab	
BIOL 150 & 150L	General Biology I and General Biology I Laboratory	
EDUC 322	Educational Psychology	3
EDUC 451	Instructional Planning, Methods and Assessment	3
H&CE 232	Philosophy and Policy	3
PLSC 110	World Food Crops	3
SOIL 210	Introduction to Soil Science	3
STAT 330	Introductory Statistics	3
Select Pathway A or B		
Student must select Pathway A or B: A=Teacher Licensure; or B=Training and Development		46-59
Total Credits		**82-95**

Code	Title	Credits
Pathway A - Teacher Licensure Required Courses		
ASM or PAG Electives		6
ANSC Electives (200-400 level)		6
Select one CHEM pair:		4
CHEM 117 & 117L	Chemical Concepts and Applications and Chem Concepts and Applications Lab	
CHEM 121 & 121L	General Chemistry I and General Chemistry I Laboratory	
PLSC 210	Horticulture Science	3
PLSC 211	Horticulture Science Lab	1
PLSC Elective		3
IME 335	Welding Technology	3
EDUC 321	Introduction to Teaching	3
EDUC 486	Classroom Management for Diverse Learners	3
EDUC 489	Teaching Students of Diverse Backgrounds	3
H&CE 444	Planning the Community Program in Agricultural Education	3
or H&CE 467	Leading Youth Organizations	
H&CE 480	Science, Technology, Engineering & Mathematics Teaching Methods in Agricultural Education	3
H&CE 480L		1
H&CE 481	Methods of Teaching Agriculture	3
H&CE 481L		1
H&CE 483	Student Teaching Seminar	1

H&CE 487	Student Teaching	9
H&CE 488	Applied Student Teaching	3
Total Credits		**59**

Code	Title	Credits
Pathway B - Training and Development Required Courses		
CFS 210	Introduction to Food Science and Technology	3
CSCI 114	Computer Applications	3
PLSC 225	Principles of Crop Production	3
H&CE 444	Planning the Community Program in Agricultural Education	3
or H&CE 467	Leading Youth Organizations	
H&CE 196	Field Experience	3
H&CE 445	Designing and Delivering Nonformal Education Programs	3
H&CE 446	Extension Education	3
H&CE 496	Field Experience	10
AFSNR Area Focus		
Select courses from the following prefixes: AGEC, AGRI, ANSC, ASM, NRM, PLSC, PAG, SOIL, VETS		15-18
Total Credits		**46-49**

Degree Requirements and Notes

- See the Agricultural Education website (https://www.ndsu.edu/programs/undergraduate/agricultural-education/) for admission requirements for the Ag Ed Teacher Certification pathway.
- Courses taken with a Pass/Fail grading basis may not be used to satisfy any degree requirement.
- A grade of ‘C’ or better is required in all required EDUC and H&CE courses.
- To be placed in student teaching, a 2.75 cumulative GPA and a 2.75 GPA in professional education coursework is required.
- To exit the program, a 2.75 cumulative GPA and a 2.75 GPA in professional education coursework is required, as well as completing the Praxis Subject test and the Principles of Learning and Teaching test.