

Agricultural Education Major

Major Requirements

Degree Type: B.S.

Minimum Credits Required: 120

University Degree Requirements

For complete details on these and other university degree requirements, refer to the Degree and Graduation Requirements (<http://catalog.ndsu.edu/academic-policies/undergraduate-policies/degree-and-graduation/>) section in the University Catalog.

1. Minimum of 120 semester credits (some programs may exceed this minimum).
2. Complete the University General Education requirements.
3. Minimum institutional GPA of 2.00 based on work taken at NDSU.
4. Minimum of 30 credits in residence at NDSU.
5. Minimum of 36 upper level credits (courses numbered 300 or higher).
6. Students with transfer credit must meet the NDSU 30 credits in residence (#4). Of these 30 credits in residence, a minimum of 15 credits must be in courses numbered 300 or above, and 15 credits must be in the student's declared major curricula.

University General Education Requirements

A list of university approved general education courses along with the administrative policies governing the requirement and the categories is available here (<http://catalog.ndsu.edu/academic-policies/undergraduate-policies/general-education/>).

Code	Title	Credits
Category C: Communication		12
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		
Category L: Digital Literacy		
Total Credits		39

Major Requirements

Code	Title	Credits
Agriculture Education Core Requirements		
AGEC 242	Introduction to Agricultural Management	3
AGEC 244 or AGECE 350	Agricultural Marketing Agrisaes	3
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
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Total Credits	82-95
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Code	Title	Credits
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Pathway A - Teacher Licensure Required Courses

ASM or PAG Electives		6
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ANSC Electives (200-400 level)		6
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Select one CHEM pair:		4
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CHEM 117 & 117L	Chemical Concepts and Applications and Chem Concepts and Applications Lab	
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CHEM 121 & 121L	General Chemistry I and General Chemistry I Laboratory	
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PLSC 210	Horticulture Science	3
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PLSC 211	Horticulture Science Lab	1
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PLSC Elective		3
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IME 335	Welding Technology	3
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EDUC 321	Introduction to Teaching	3
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EDUC 486	Classroom Management for Diverse Learners	3
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EDUC 489	Teaching Students of Diverse Backgrounds	3
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H&CE 444 or H&CE 467	Planning the Community Program in Agricultural Education Leading Youth Organizations	3
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H&CE 480	Science, Technology, Engineering & Mathematics Teaching Methods in Agricultural Education	3
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H&CE 480L	STEM Teaching Methods in Agricultural Education Lab	1
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H&CE 481	Methods of Teaching Agriculture	3
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H&CE 481L	Methods of Teaching Agriculture Lab	1
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H&CE 483	Student Teaching Seminar	1
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H&CE 487	Student Teaching	9
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H&CE 488	Applied Student Teaching	3
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Total Credits	59
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Code	Title	Credits
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Pathway B - Training and Development Required Courses

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