

Teaching Specialty - Agricultural

Major Requirements

Major: Agriculture Education

Degree Type: B.S.

Required Degree Credits to Graduate: 130

General Education Requirements for Baccalaureate Degree

- A list of approved general education courses is available here (<http://bulletin.ndsu.edu/past-bulletin-archive/2017-18/academic-policies/undergraduate-policies/general-education/#genedcoursestext>).
- 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 the major, minor, and program emphases requirements for minimum grade restrictions, should they apply.

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

* May be satisfied by completing courses in another General Education category.

† May be satisfied with courses required in the major. Review major requirements to determine if a specific upper division writing course is required.

Major Requirements

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

Code	Title	Credits
Agriculture Education Requirements		
BIOL 150 & 150L	General Biology I and General Biology I Laboratory	4
BIOL 315L	Genetics Laboratory	1
ECON 201	Principles of Microeconomics (May satisfy general education category B and G)	3
ECON 202	Principles of Macroeconomics (May satisfy general education category B)	3
ENGL 358	Writing in the Humanities and Social Sciences (May satisfy general education category C)	3
PLSC 110	World Food Crops (May satisfy general education category S)	3
PLSC 315	Genetics (May satisfy general education category S)	3
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)	
Teaching Specialty Requirements		
AGEC 242	Introduction to Agricultural Management	3

AGEC	Electives	6
ASM 125	Fabrication & Construction Technology	3
ASM	Engineering Electives	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
Professional Education Requirements		
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	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
Total Credits		109

Degree Requirements and Notes

- A grade of 'C' or better is required in all Professional Education Requirement courses.
- A GPA of 2.75 or better in the teaching specialty is required for placement in student teaching and exit from the program.
- A GPA of 2.75 or better in professional education as well as passing the appropriate Praxis II exam are required to exit the program.
- Courses taken P/F may not be used to satisfy any requirements.
- See School of Education (<https://www.ndsu.edu/education>) for admission requirements.