

Agricultural Education

Department Information

- **Department Chair:**
Leigh Ann Skurupey, Ph.D.
- **Program Coordinator:**
Adam Marx, Ph.D.
- **Email:**
adam.marx@ndsu.edu
- **Department Location:**
EML 155C
- **Application Deadline:**
Applications will be accepted up to 3 weeks prior to the start of a new semester. Contact department with questions.
- **Credential Offered:**
M.S., M.Ed.
- **English Proficiency Requirements:**
TOEFL iBT 71, IELTS 6, Duolingo 105

The School of Education offers graduate study leading to the Master of Education (M.Ed.) and Master of Science (M.S.) degrees in Agricultural Education. Advanced work may involve specialized training in vocational education, extension education, international extension, and agricultural education.

The master's degree program in Agricultural Education is most ideally suited for current school-based agricultural educators. However, the degree program is modular enough to meet the needs of students seeking advancement and expertise in multiple disciplines. Core coursework will prepare students to evaluate educational programs which they currently or intend to lead with a blended focus on adolescent and adult educational development. Further, coursework extends principles of baccalaureate teacher preparation in agriculture. Foundational coursework in research and evaluation methods are taught in a practical and applied manner.

Degree programs are planned cooperatively to meet the needs of individual students. Some courses focus on problems related to various phases of Agricultural Education, including secondary, post-secondary, adult, and extension programs. Others emphasize issues common to all service areas in agricultural and extension education. Candidates should work closely with an adviser.

The North Dakota State University (NDSU) programs in education are accredited by the Council for the Accreditation of Educator Preparation (CAEP) and are approved by the North Dakota Education Standards and Practices Board. Changes in national and state legislation, standards, or rules can affect academic program requirements.

Options with Great Plains Ag*Idea

- <https://www.gpidea.org/program/agricultural-education> (<https://www.gpidea.org/program/agricultural-education/>)
- May have a focus on the secondary classroom, post-secondary environments, extension, leadership, or agricultural communications

In addition to the Graduate College's required application materials, the program requires submission of a statement of career goals consistent with the five propositions of the National Board of Professional Teaching Standards (NBPTS) (<http://www.nbpts.org>), as well as reasons for applying to the program. If a program has a cohort group with enrollment limitations, an entrance interview will be required.

Admission decisions are based upon the predicted success of the applicant as a student and professional in the chosen field and are made only after considering all available data. A student must meet all requirements for full admission.

NOTE: The School of Education reserves the right to obtain additional information about the student's professional competence from qualified professionals.

The Master of Education (M.Ed.) degree is a non-thesis, practitioner-oriented degree that has three options. The first option is for currently licensed teachers. The second option is for those seeking initial teacher licensure. Candidates for this option will have earned a bachelor's degree in an agriculture or closely related area. Candidates must meet all requirements of related TLO program: www.ndsu.edu/ted/graduate/teacher_licensure_option/. NDSU has a dual degree program with Dickinson State University that provides a teacher licensure opportunity. Refer to DSU/NDSU Degree Plan for BS Credit requirements. Students must be enrolled at Dickinson State University at the time of application to the Collaborative Ag Ed TLO program.

The Master of Science (M.S.) degree requires a master's thesis or master's paper.

Master's programs within the School of Education require a minimum of 30 semester credits (minimums vary by academic program). Programs vary on requiring a written comprehensive exam or a portfolio/oral.

NOTE: Earning an academic/professional degree does not necessarily lead to state credential or licensure. People seeking licensure must provide evidence of the required number of years of teaching or counseling, and, in the case of school administration, administrative experience. Potential and current students should consult with the appropriate academic program coordinator for advice about licensure, certification, or credentialing after communicating with the appropriate state official.

Code	Title	Credits
Agricultural Education - MEd ^{MEd Degree Plan A}		
Core Courses		12
EDUC 750	Reflective Practice and Research in Education	
EDUC 751	Students and Their Learning	
EDUC 752	Curriculum Design and Delivery	
EDUC 753	Managing/ and Monitoring Learning	
Major/Concentration		12
EDUC 702	Statistics In Educational Research	3
Choose from the following:		
H&CE 724	Program Planning and Needs Assessment in CTE and Extension Education	
H&CE 740	Advanced CTE Philosophy and Policy	
H&CE 743	Experiential and Learner-Centered Instruction	
H&CE 756	Program Development and Evaluation	
H&CE 781	Professional Development in Agricultural Education	
H&CE 787	Issues In Education	
H&CE 795	Field Experience	
Electives (as approved by adviser)		
H&CE 794	Practicum/Internship	3
Total Credits (MEd Degree Plan A Minimum)		30
Agricultural Education - Teacher Licensure Option (TLO) ^{MEd. Degree Plan B. For those seeking initial teacher licensure. Candidates will have earned a Bachelor's degree in an agriculture or closely related area. Candidates must meet all requirements of related TLO program: www.ndsu.edu/tesd/graduate/teacher_licensure_option/}		
H&CE 232	Philosophy and Policy (CTE Licensure Requirement, Not MEd degree eligible)	3
EDUC 651P	Instructional Planning, Methods and Assessment	3
EDUC 661	Introduction to Special Education	3
EDUC 686	Classroom Management for Diverse Learners	3
EDUC 689	Teaching Students of Diverse Backgrounds	3
EDUC 724	Advanced Educational Psychology	3
H&CE 644	Planning the Community Program in Agriculture (Forthcoming Proposal - H&CE 444 currently)	3
H&CE 680	Science, Technology, Engineering & Mathematics Teaching Methods in Agricultural Education (Forthcoming Proposal - H&CE 480 currently)	3
H&CE 681P	Methods of Teaching Agriculture	3
H&CE 683P	Student Teaching Seminar	1
H&CE 687P	Student Teaching	9
H&CE 688P	Applied Student Teaching	3
Total Credits (MEd TLO Option B)		37
DSU/NDSU Dual Degree Collaborative Agricultural Education - Teacher Licensure Option ^{MEd Degree Plan C. Ag Ed TLO Degree in Collaboration with Dickinson State University}		
Refer to DSU/NDSU Degree Plan for BS Credit requirements. Students must be enrolled at Dickinson State University at the time of application to the Collaborative Ag Ed TLO program.		
H&CE 646	Extension Education ^{Optional}	2
H&CE 644	Planning the Community Program in Agriculture (Forthcoming Proposal - H&CE 444 currently)	3
H&CE 680	Science, Technology, Engineering & Mathematics Teaching Methods in Agricultural Education (Forthcoming Proposal - H&CE 480 currently)	3
H&CE 681P	Methods of Teaching Agriculture	3
EDUC 651P	Instructional Planning, Methods and Assessment	3
EDUC 661	Introduction to Special Education	3

EDUC 686	Classroom Management for Diverse Learners	3
EDUC 689	Teaching Students of Diverse Backgrounds	3
H&CE 683P	Student Teaching Seminar	1
H&CE 687P	Student Teaching	9
H&CE 688P	Applied Student Teaching	3
Total Credits (MEd Option C)		34-36

Adam A. Marx, Ph.D.

University of Missouri, 2014

Research Interests: Adolescent Career Decision-Making, Student Engagement, Teacher Development

Brooke Thiel, Ph.D.

North Dakota State University, 2020

Research Interests: Career Readiness, 21st Century Skills, Teacher Development