

# M.S. in Agricultural Education

AGED 505

Statistical Analysis for Agricultural and  
Technology Education

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To meet the ever-changing demands on learners' lives, the Agricultural Education Master's program is designed to prepare graduates for entry into or advancement in formal and non-formal teaching careers. Offered both online and in-person, this program also provides development of professional leadership skills for other careers in agricultural leadership and communications.

The master's degree program in Agricultural Education, offered both online and face-to-face, provides a program that can be tailored to meet each student's career goals. In addition to the wide variety of professional courses in agricultural education, offerings are also available from all academic Departments in the College of Agriculture and beyond. Specialization courses such as adult education, educational administration, higher education, and curriculum coordination are also available through cooperation with the College of Education, Health and Human Development. The Department offers three pathways to completion in an online and in-person format- a traditional thesis option, a professional paper option, and a professional master's option.

The program offers considerable flexibility to students to help them meet their professional and personal objectives with 30 credits of coursework. The thesis option requires a thesis project and a minimum of 30 credit hours, of which 20 credits are considered traditional coursework, and 10 credits are thesis preparation. The professional paper option requires a professional project based on a current research issue related to the student's emphasis area. Students will take a minimum of 30 credit hours of coursework, of which 24 credits are coursework and 6 credits are professional paper credits. Students in this option will produce a professional paper and then refine it into one of the following three options as part of program requirements: a journal article formatted for journal publication, a professional paper formatted for a professional conference or a substantial grant proposal. The final selection of the student's thesis or professional project will be the student's responsibility in collaboration with their Major Advisor and Graduate Advisory Committee. Finally, the professional master's option requires students to complete 30 credits of coursework and a comprehensive exam. Deciding whether to choose an option is an important step in your graduate career and will inform your credit structure, course load, and committee formation.

## Program Requirements

The program offers considerable flexibility to students to help them meet their professional and personal objectives. The thesis option requires a minimum of 30 credit hours; 20 credits of course work and 10 thesis credits. The professional paper option requires a project based on a current research issue related to the student's emphasis area. Students in the professional paper option take a minimum of 24 credits of coursework and six professional paper credits. The final selection of the student's research activity will be the student's responsibility in collaboration with the assigned faculty advisor and the graduate committee. Finally, the professional master's is a course-based option that requires 30 credits of coursework. The professional master's option does not require a professional paper or thesis but does require a comprehensive exam.

## Required Core Courses

AGED 506	Research Method in Agricultural Education	3
AGED 507	Program Planning and Evaluation	3
AGED 511	Philosophy of Teaching and Learning in Agricultural Education	3
AGED 594	Graduate Seminar	1