

# AGRICULTURAL ECONOMICS - MASTER OF SCIENCE

Students entering the MS program are required to have completed

- intermediate microeconomics and intermediate macroeconomics (completed with a B grade or better),
- a college-level calculus class, and
- a course in statistics that included linear regression analysis.

Students that have not completed these courses may be admitted with the requirement that they take them as deficiencies at the beginning of their graduate program. Prospective graduate students must have at least a 3.0 undergraduate GPA. Students with a GPA less than 3.25 must complete the GRE or the GMAT exam.

Completion of the Master of Science degree in agricultural economics requires completion of a minimum of 33 graduate credit hours. Twenty-one of the credits must have one of the following three prefixes: AECC, ECON, or ECDV. Twenty-four of the credits must be associated with course numbers greater than 500/5000. All students in the MS program must successfully complete the following core courses:

Prefix	Title	Credits
<b>M.S. CORE (16-18 credits)</b>		
AECC 5120	Microeconomic Theory	3
AECC 5130	Macroeconomic Theory	3
AECC 5240	Econometrics	3
AECC 5360	Production Economics	3
AECC 5999	Master's Thesis <sup>1</sup>	6
<b>Choose 3 Classes from AEAB Block (9 hrs) <sup>2</sup></b>		<b>9</b>
AECC 5220 or BFIN 511	Financial Derivative Markets	
AECC 5210	International Agricultural Trade Theory and Policy	
AECC 5320	Microcomputer Applications in Agriculture	
AECC 5330	Agribusiness Marketing	
AECC 5340	Agribusiness Management	
AECC 5140	Agricultural Policy <sup>2</sup>	
AECC 5350	Economics of Water Resource Management and Policy	
AECC 5996	Special Topics	
AECC 5997	Individual Study	
<b>Additional Graduate Courses (~6 hs) <sup>3</sup></b>		<b>6</b>
<b>Total Credits</b>		<b>33</b>

<sup>1</sup> AECC 5999 minimum hours required by the Graduate School are 4 with a maximum of 6 toward the degree. If a student elects to complete the minimum of 4 hours, they will need to take an additional course to meet the 33 hours required for the degree.

<sup>2</sup> AECC 5140 must be taken as part of this AEAB Block if not previously completed as an undergraduate under AECC 3140V.

<sup>3</sup> One of these two choices may include three (3) additional hours of AECC 5997. In lieu of these 2 additional graduate courses, a student may select a justifiable minor (9+ hours) per Graduate School policy and only 2 courses (6 hours) from the AEAB Block.

MS students are generally required to write a thesis (AECC 5999 Master's Thesis (4-6 credits). Non-thesis options that include a non-thesis research project (AECC 5991 Non-Thesis Research Project, 3 credits) or an internship (AECC 5998 Internship, 3 credits) must have approval from the student's committee and the graduate chairman. Students pursuing the MS degree may not complete the graduate program with more than one C grade in the core courses. If a student receives C grades in two of these core classes one of the classes must be repeated with a grade of at least B. In addition to core courses, nine additional credits must be completed from an agricultural economics and agricultural business (AEAB) course block. AECC 5140 Agricultural Policy must be taken in the graduate program if an agricultural policy course was not taken as an undergraduate. Individual study (AECC 5997 Individual Study) is limited to 6 credits hours toward a the degree. An oral defense is required of all master's candidates and will be scheduled and completed according to the guidelines of the Graduate School. The oral defense must be preceded by an open seminar to present major research findings to faculty, fellow students and the interested public.