

# APPLIED ECONOMICS (M.S.)

## Master of Science. Major in Applied Economics.

The M.S. program in Applied Economics is designed to prepare students for management, research, and policy positions in the public and private sectors of the economy, and for further graduate study.

The M.S. thesis option is offered as a 32 credit stand-alone degree or as a 32 credit thesis degree with optional emphasis area(s). The minimum of 32 required credits can be satisfied by taking a combination of 5000- and 4000-level courses, with at least 18 credits at the 5000 level, plus no more than 3 credits of 3000-level courses in supporting areas.

An emphasis may be selected in any of the following three areas: Agricultural Economics, Natural Resources, and Agribusiness. All thesis options include six letter graded thesis credits (AGEC 5000) and 26 credits of course work including the following:

Code	Title	Hours
AGEC 5060	Faculty Seminar Series	0
AGEC 5250	Master's Econometrics	3
AGEC 5260	Master's Microeconomics Analysis	3
AGEC 5270	Mathematics for Economists	3
AGEC 5290	Research Methods	2
AGEC Electives		15
<b>Total Hours</b>		<b>26</b>

A student has the option to not pursue an emphasis, in which case the student must complete as part of the 15 credits of AGEC electives 9 credits chosen from the following courses:

Code	Title	Hours
AGEC 5320	Natural Resource Economics and Policy	3
AGEC 5330	International Trade and Policy	3
AGEC 5340	Production Economics	3
AGEC 5350	Industrial Organization	3
AGEC 5870	Regional Economic Development Methods	3
<b>Total Hours</b>		<b>15</b>

If an emphasis area is chosen, two courses must be selected from those specifically listed in that emphasis area, which will be used as part of the 15 credits of AGEC electives. Emphasis areas include the following:

### Agribusiness

Code	Title	Hours
AGEC 5350	Industrial Organization	3
AGEC 5330	International Trade and Policy	3
AGEC 5340	Production Economics	3
<b>Total Hours</b>		<b>9</b>

### Agricultural Economics

Code	Title	Hours
AGEC 5340	Production Economics	3
AGEC 5350	Industrial Organization	3
<b>Total Hours</b>		<b>6</b>

### Natural Resources

Code	Title	Hours
AGEC 5320	Natural Resource Economics and Policy	3
Select one additional course		3
<b>Total Hours</b>		<b>6</b>

More than one emphasis area may be completed as long as each emphasis area requirement is met. However, only the declared emphasis area will appear on the student's transcript.

Students may take a non-thesis option M.S. degree. Under this option, a student will take a minimum of 32 credits of coursework including the 26 credits of departmental course requirements, which are the same as the stand-alone thesis option. For the non-thesis option, a three-credit paper will be written and presented by the student addressing a topic determined jointly by the student and the student's graduate committee. This option is only available for students not receiving financial support from research funds.

1. Students will possess understanding of the fundamental theories of microeconomics.
2. Students will be able to identify key economic issues and their determinants and develop a systematic approach to answer economic questions.
3. Students will demonstrate the ability to quantitatively analyze economic problems and make statistical inferences as to the effects of explanatory variables on dependent variables.
4. Students will have the ability to effectively communicate, both orally and in writing, the findings of their economic research.
5. Students will demonstrate the ability to effectively collaborate with other students, faculty, and constituents on economic research.
6. Students will show the ability to conduct themselves in a professional manner to fellow students, faculty, and constituents.