MASTER OF EDUCATION (M.ED.) MAJOR IN AGRICULTURAL EDUCATION (NON-THESIS OPTION)

Major Program

The Master of Education (M.Ed.) degree with a major in Agricultural Education offered through the department prepares students to work as professionals in the agriculture industry and in positions of leadership and management in secondary schools and adult education.

Application Requirements

The items listed below are required for admission consideration for applicable semesters of entry during the 2018-2019 academic year. Submission instructions, additional details, and changes to admission requirements for semesters other than the 2018-2019 academic year can be found on The Graduate College’s website (http://www.gradcollege.txstate.edu). International students should review the International Admission Documents webpage (http://mycatalog.txstate.edu/graduate/admission-documents/international) for additional requirements.

- completed online ApplyTexas application
- $40 nonrefundable application fee
- $50 nonrefundable international evaluation fee (if applicable)
- baccalaureate degree in agriculture or a closely related field from a regionally accredited university
- official transcripts required from each institution where course credit was granted
- minimum 2.75 GPA in your last 60 hours of undergraduate course work (plus any completed graduate courses)*
- official GRE scores not required*
- three letters of recommendation with at least two coming from academia

TOEFL or IELTS Scores

Non-native English speakers who do not qualify for an English proficiency waiver:

- official TOEFL iBT scores required with a 78 overall
- official IELTS (academic) scores required with a 6.5 overall and minimum individual module scores of 6.0

This program does not offer admission if the scores above are not met.

*Additional Information

If your last-60-hours GPA falls between 2.5-2.75, please submit the following:

- official GRE scores with a preferred minimum of 293 (verbal and quantitative sections combined)

Degree Requirements

The Master of Education (M.Ed.) degree with a major in Agricultural Education requires 36 semester credit hours. The major and supportive courses are to be taken with the advice and consent of the student’s advisory committee, which consists of three or more faculty selected with the help of the graduate advisor.

Course Requirements

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<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<td>AGED 5318</td>
<td>Administration and Supervision of Vocational Education</td>
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<td>History and Philosophy of Agricultural Education</td>
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<td>AGED 5330</td>
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Minor in Integrated Agriculture

Choose 15 hours of advisor-approved courses

Total Hours 36

Comprehensive Examination Requirements

All candidates for graduate degrees must pass one or more comprehensive examinations.

Master’s level courses in Agriculture: AG (p. 1), AGED (p. 2)

Courses Offered

Agriculture (AG)

AG 5360. Advancements in Animal Science. Survey of the current knowledge and concepts in animal production including economic considerations and current production problems in breeding and feeding livestock.

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.

Grade Mode: Standard Letter

AG 5362. Advanced Animal Science: Minerals and Vitamins in Animal Nutrition. This course is an advanced study of the utilization and requirements of minerals and vitamins in farm and ranch animals. It emphasizes ruminant and non-ruminant mineral and vitamin metabolism and utilization. The utilization of specific minerals and vitamins by different species will be used to explain and predict subsequent performance.

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.

Grade Mode: Standard Letter

AG 5370. Special Problems in Technical Agriculture. Special problems will be selected to meet the needs of the individual student. May be repeated (once) for additional credit when the problem differs.

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.

Grade Mode: Standard Letter
AG 5426. Soil Health and Development.
This course focuses on the fundamental topics of soil health and development. These fundamentals include pedogenesis, mineral composition, tillage practices, soil ecosystem and sustainability, soil biology and soil physics.
4 Credit Hours. 3 Lecture Contact Hours. 2 Lab Contact Hours.
Grade Mode: Standard Letter

Agricultural Education (AGED)
AGED 5101. Instructional Skill Development.
Graduate assistants are required to enroll in this course to be prepared to instruct/assist with classes in Agricultural Education. Topics covered are essential teaching strategies, techniques, evaluation design, ethical classroom behavior, and effective instructional motivational techniques. This course does not earn graduate degree credit. Repeatable with different emphasis.
1 Credit Hour. 1 Lecture Contact Hour. 0 Lab Contact Hours.
Course Attribute(s): Graduate Assistantship|Exclude from Graduate GPA
Grade Mode: Leveling/Assistantships

AGED 5199B. Thesis.
This course represents a student’s continuing thesis enrollments. The student continues to enroll in this course until the thesis is submitted for binding.
1 Credit Hour. 1 Lecture Contact Hour. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit

AGED 5299B. Thesis.
This course represents a student’s continuing thesis enrollments. The student continues to enroll in this course until the thesis is submitted for binding.
2 Credit Hours. 2 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit

AGED 5314. Special Problems in Agricultural Education.
The student is given the opportunity to work on problems of special interest and need in the discipline of agricultural education. May be repeated (once) for additional credit when the problem differs.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

AGED 5318. Administration and Supervision of Vocational Education.
The administration of comprehensive vocational education programs with emphasis on the operation and implementation of programs governed by state and national laws.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

AGED 5319. Principles and Methods of Adult Education.
The rationale, planning, implementing, conducting, and evaluation of adult education programs in formal and non-formal settings will be discussed.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

AGED 5320. History and Philosophy of Agricultural Education.
This course covers the history, basic principles, and philosophy of different programs of agricultural education existing today.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

AGED 5321. Methods of Technological Change.
The dynamics of cultural change as theoretical framework for planned technological change, methods of implementing change, the effects of change, and the prediction of change will be discussed.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

AGED 5330. Research Methods in Agricultural Education.
The principles and procedures of using and communicating both quantitative and qualitative research in agricultural education will be addressed. Special emphasis will be given to using appropriate methods to address research problems.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

AGED 5331. Guidance.
Analysis of occupational and vocational opportunities for vocational students; includes work in interpersonal communications as well as in the techniques of individual and group counseling in guidance. Practice in personality and occupational interest testing.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

AGED 5335. Curriculum Development of Vocational Programs.
Principles and practices in developing curricula for different areas of vocational education will be emphasized. The dynamics of cultural and technological changes on methods of planning and implementing vocational curricula as it relates to the educational needs of vocational youth will be stressed.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

AGED 5399A. Thesis.
This course represents a student’s initial thesis enrollment. No thesis credit is awarded until student has completed the thesis in Agricultural Education, AGED 5399B.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit

AGED 5399B. Thesis.
This course represents a student’s continuing thesis enrollments. The student continues to enroll in this course until the thesis is submitted for binding.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit

AGED 5599B. Thesis.
This course represents a student’s continuing thesis enrollments. The student continues to enroll in this course until the thesis is submitted for binding.
5 Credit Hours. 5 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit
AGED 5999B. Thesis.
This course represents a student's continuing thesis enrollments. The student continues to enroll in this course until the thesis is submitted for binding.

9 Credit Hours. 9 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit