



# Master of Science in Agricultural Education

## Teacher Certification Option

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### **CORE (9 credits)**

- Teaching/Learning (3) [AGED 7330]
  - Program Planning/Evaluation (3) [AGED 7320]
  - Philosophy (3) [AGED 7310]
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### **RESEARCH and APPLICATION (4 – 6 credits)**

- Research Methods (3) [AGED 8510 or equivalent]
  - Creative Component (1 – 3) [AGED 8080]
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### **TEACHER CERTIFICATION (25 credits)**

#### **Agricultural Education (12 credits)**

- AGED 3310 – Teaching Financial Management and Economics (3)\*
- AGED 4321 – Integrated Field Experience II (1)\*
- AGED 4995 – Student Teaching Internship in Agriculture (5)\*
- AGED 7087 – Internship Seminar (3)

\*Courses required for teacher certification that will not count toward the M.S. degree

#### **Teacher Development Program (13 credits)**

- TDP 7000 – Foundations of Teacher Preparation I (4)
  - TDP 7020 – Foundations of Teacher Preparation II (4)
  - TDP 7040 – Inquiry into Schools, Community and Society (3)
  - C&I 7560 – Teaching Reading in the Content Areas (2)
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### **SPECIALIZATION and/or ELECTIVES**

- AGED 7350 – In-service coursework or equivalent [maximum of 8 credits]
- AGED 7351 – Induction Year Teaching I (1-2)
- AGED 7352 – Induction Year Teaching II (1-2)
- AGED 8087 – Seminar in Agricultural Education (1-3)
- AGED 8250 – Leadership Theory and Application (3)
- AGED 8330 – Advanced Methods of Teaching Agriculture (3)
- AGED 8340 – Student and Teacher Development in Agricultural Education (3)
- AGED 8350 – College Teaching of Agriculture (3)
- AGED 8410 – Philosophical Foundations of Agricultural Education (3)
- AGED 8430 – Evaluation of Educational Programs (3)
- Additional courses selected by the student and approved by the student's graduate committee may be selected to meet the goals of the student. Courses could be in agricultural education, technical agriculture, educational leadership or other areas.

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- Minimum of 32 semester credits of graduate courses.
- Minimum of 16 credits in Agricultural Education courses.
- Minimum of 16 credits of 8000-level (or higher) courses.
- Maximum of 8 credits of Problems courses.
- Maximum of 7 credits may be transferred from another institution upon approval of the Advisor, Director of Graduate Studies, and the Graduate School.
- Degree must be completed within a period of eight years beginning with the first semester of enrollment in which the student is accepted to a degree program.
- Refer to the Graduate Catalog for a complete list of degree requirements:  
<http://gradschool.missouri.edu/catalog/index>

### **Requirements for Admission to the Teacher Development Program**

- Test score on ACT of 22, GRE V&Q of 810, or Miller Analogy of 47
- 2.75 Overall Cumulative GPA
- 2.75 UM Cumulative GPA

### **Requirements for Teacher Certification**

- 2.75 Overall Cumulative GPA
- 2.75 UM Cumulative GPA
- 2.50 Agriculture, Food and Natural Resources Content GPA
- PRAXIS II – Agriculture Assessment
- Completion of Certification Portfolio

### **Content Area Requirements – Agriculture, Food and, Natural Resources**

45 semester credits with a minimum of one course in each of the following disciplines:

- Animal Science
- Agronomy (Plant Science)
- Agricultural Business
- Agricultural Economics
- Agricultural Mechanics
- Horticulture (Plant Science)