



**University of Illinois
Agricultural Education Program**

Graduate Degree Course Requirements

Last updated: 11/05/13

This document outlines information for the online and on-campus Degree of Master of Science with a Major in Agricultural Leadership and Science Education. To be admitted to the Masters of Science program in Agricultural Education, students must meet the following requirements:

- Bachelor’s degree from a regionally accredited institution (not restricted to students with particular backgrounds or degrees)
- A minimum 3.0 GPA on all undergraduate coursework (a person with a GPA lower than 3.0 may still be considered in certain circumstances)
- GRE test scores for the on-campus Graduate Program are required, but are optional for the online program

A minimum of 32 credit hours is required for the graduate programs. Students will need to complete at least 12 credits of 500-level coursework.

Agricultural Education Foundation Courses (20-22 credits)

<input checked="" type="checkbox"/>	Agricultural Education Foundations (6 credits)
	AGED 400 – Foundations in Ag and Extension Education
	AGED 420 – Curriculum Design and Instruction
<input checked="" type="checkbox"/>	Instruction Methods and Design (4 credits)
	AGED 430 – Youth Development Programs OR
	AGED 490 – Adult Learning Principles
<input checked="" type="checkbox"/>	Educational Research (8 credits)
	AGED 545 – Research Methods and Design
	AGED 549 – Independent Study / Final Project or AGED 599 (Thesis)
<input checked="" type="checkbox"/>	Agricultural Education Electives (2-4 credits)
	AGED 480 – Collaborative Leadership
	AGED 500 – Special Topics in Ag Ed <i>(Some AGED 500 courses may count as Technical Subject Matter, upon advisor approval.)</i>
	AGED 540 – Volunteer Management
	AGED 550 – Advanced Program Delivery
	AGED 551 – Advanced Program Evaluation

Technical Subject Matter (12 credits)

Students can complete electives in agriculture, education, or other fields, upon advisor approval. Students may complete up to 4 additional credits in agricultural education. Participation in a Curriculum for Agricultural Science Education (CASE) Institute may count towards Technical Subject Matter credit, upon advisor approval. (Use the AGED 500 course code for CASE Institutes.) Students pursuing teacher certification may include credits from required teacher certification courses to fulfill this requirement.

Teacher Certification Requirements

The teacher certification option prepares students to teach agricultural science, agribusiness, agricultural mechanics and horticulture in Illinois high schools. Teacher certification courses and/or ag content area courses completed as an undergraduate student will potentially meet requirements after review of an official transcript. Graduate students should complete a “**Request for Academic Audit**” form, provided by the Council on Teacher Education, to determine any courses that may potentially be eliminated from the required course list. State of Illinois certification requirements include a minimum of 2,000 hours of employment experience in agriculture. Graduate level teacher certification students must maintain a 3.0 GPA or above to remain in good standing. Students enrolled in this concentration cannot receive a grade lower than a “C” in any of the required teacher certification courses. For teacher education requirements applicable to all curricula, visit the Council on Teacher Education website (<http://www.cote.illinois.edu/>).

Teacher Certification Required Courses

<input checked="" type="checkbox"/>	Teacher Certification
	AGED 410 – Observation and Program Analysis <i>(via enrollment in AGED 410, students must concurrently enroll in EDPR 203)</i>
	AGED 421 – Teaching Strategies in Agricultural Education <i>(not required, but recommended)</i>
	AGED 510 – Early Field Experience (350) & Program Delivery and Eval (450)
	AGED 511 – Professional Development in Agricultural Education (Portfolio)
	CI 473 – Literacy in Content Areas
	EPS 410 – Foundations of Education*
	EPSY 400 – Psychology of Learning in Education**
	SPED 517 – Disability Issues in Special Education***
	EDPR 442 – Education Practice in Secondary Education

* Can be substituted with EPS 201/202 if completed as an undergraduate student.

** Can be substituted with EPSY 201 if completed as an undergraduate student.

*** Can be substituted with SPED 205/405 if completed as an undergraduate student.

<input checked="" type="checkbox"/>	Agriculture Technical Subject Matter Required
	ACE 231 – Food and Agribusiness Management
	ANSC 100 – Intro to Animal Sciences
	CPSC 112 – Introduction to Crop Sciences
	HORT 100 – Introduction to Horticulture
	FSHN 101 – Intro Food Science and Nutrition
	TSM 100 – Technical Systems in Agriculture

NOTE: Equivalent coursework completed at the University of Illinois or another institution may potentially count towards completion of the required hours. Consult your academic advisor for more details, or contact the Council on Teach Education (CoTE).

Recommended Sequence for Teacher Certification MS Degree

<input checked="" type="checkbox"/>	Year 1: Fall Semester
	+AGED 400 Foundations in Ag and Extension Education
	AGED 420 Curriculum Design and Instruction
	EPS 410 Foundations of Education <i>(equivalent to EPS 201/202)</i>
	EPSY 400 Psychology of Learning in Education <i>(equivalent to EPSY 201)</i>
	<i>Add additional Technical Subject Matter courses, including required agricultural content.</i>

<input checked="" type="checkbox"/>	Year 1: Spring Semester
	AGED 430 Youth Development Programs
	AGED 545 Research Methods and Design
	++AGED 410 Observation and Program Analysis <i>(via enrollment in AGED 410, students must concurrently enroll in EDPR 203)</i>
	++CI 473 Literacy in Content Areas
	++ACE 231 Food and Agribusiness Management

<input checked="" type="checkbox"/>	Year 2: Fall Semester
	+AGED 421 Teaching Strategies in Agricultural Education <i>(not required, but recommended)</i>
	SPED 517 Disability Issues in Special Education <i>(equivalent to SPED 205/405)</i>
	<i>Add additional Technical Subject Matter courses, including required agricultural content.</i>

<input checked="" type="checkbox"/>	Year 2: Spring Semester
	+++AGED 510 Early Field Experience (350) & Program Delivery and Evaluation (450)
	AGED 511 Professional Development in Agricultural Education (portfolio)
	EDPR 442 Education Practice in Secondary Education (student teaching)
	AGED 549 Independent Study / Final Project (549) or Thesis (599) or 599

- + Only offered during the Fall semester.
- ++ Only offered during the Spring semester.
- +++ Completed during the Fall semester.