



**AGRICULTURE EDUCATION 9-12 – ALTERNATIVE**

EDUCATOR PREPARATION PROGRAM NAME <b>MISSOURI STATE UNIVERSITY</b>	EDUCATOR PREPARATION PROGRAM CODE <b>119119</b>
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**INSTRUCTIONS**

Please complete Educator Preparation Program (EPP) Name & EPP Code above.

**Certification Requirements:**

- Course Number – List the course number(s) for the course(s) or groups of competencies that align with the specific section of the requirements. It is possible to have more than one course or group listed.
- Course Title – List the course title(s) for the course(s) or groups of competencies that align with the specific section of the requirements. It is possible to have more than one course or group listed.
- Semester Hours – List the number of semester hours for each specific section. It is possible to use decimals (to the nearest tenth) to indicate partial use of a course to meet a requirement. The total number of semester hours must meet or exceed the minimum required number of semester hours.

Email the completed cover sheet, curriculum matrix, and advising/program information to [DESE.MoSPETransition@dese.mo.gov](mailto:DESE.MoSPETransition@dese.mo.gov) on or before the date established in the Transition Plan.

QUESTIONS: Contact Educator Preparation, 573/751-1668 or [DESE.MoSPETransition@dese.mo.gov](mailto:DESE.MoSPETransition@dese.mo.gov)

**A. Professional Requirements (Minimum of 26 semester hours)**

**1. Content Planning and Delivery**

	Course Number	Course Title	Semester Hours
a. Curriculum and Instructional Planning	SEC302	General Methods of Instruction in the Middle and Secondary Schools	1(3)
b. Instructional Strategies and Techniques in Content Area Specialty	AGE558/658	Teaching of Agriculture	2(3)
	AGE578/678	Methods of Teaching Agricultural Management	0(2)
	AGE588/688	Methods of Teaching Agricultural Laboratory Management	0(2)
c. Assessment, Student Data, and Data-Based Decision-Making	SFR486	Management and Assessment in the Middle and Secondary Classroom	1.5(3)
d. Strategies for Content Literacy	RDG474 or RDG710	Reading and Writing in the Content Fields, Content Area Literacy	0(3)
e. Critical Thinking and Problem Solving	SEC302	General Methods of Instruction in the Middle and Secondary Schools	.5(3)
	EDC350	School and Society	0(3)
f. English Language Learning	RDG474 or RDG710	Reading and Writing in the Content Fields, Content Area Literacy	0(3)
	RDG640 or	Analysis and Correction of Difficulties in Literacy	0(3)
	RDG574/624	Analysis and Correction of Difficulties in Adolescent Literacy	0(3)

**2. Individual Student Needs**

	Course Number	Course Title	Semester Hours
a. Psychological Development of the Child and Adolescent	PSY360 or PSY710	Educational Psychology, Psychology of Education	1.5(3)
b. Psychology/Education of the Exceptional Child	SPE340 or SPE715	Educational Alternative for Exceptional Students, Foundations in Special Education	2-3
c. Differentiated Learning	SEC302	General Methods of Instruction in the Middle and Secondary Schools	.5(3)
	RDG474 or RDG710	Reading and Writing in the Content Fields, Content Area Literacy	0(3)
d. Classroom Management	SFR486	Management and Assessment in the Middle and Secondary Classroom	1.5(3)
e. Cultural Diversity	EDC345	Introduction to Multicultural Education and Diversity	3
f. Educational Psychology	PSY360 or PSY710	Educational Psychology, Psychology of Education	1.5(3)

**3. Schools and the Teaching Profession**

	Course Number	Course Title	Semester Hours
a. Consultation and Collaboration	RDG474 or RDG710	Reading and Writing in the Content Fields, Content Area Literacy	0(3)

b. Legal/Ethical Aspects of Teaching	EDC350 AGE493 AGE494	School and Society Supervised Teaching Supervised Teaching	3 0(6) 0(6)
<b>4. Secondary Literacy (Minimum of six semester hours)</b>			
	<b>Course Number</b>	<b>Course Title</b>	<b>Semester Hours</b>
a. Reading and Writing in the Content Area	RDG474 or RDG710	Reading and Writing in the Content Fields, Content Area Literacy	3
b. Instructional Interventions for Students with Reading Deficits	RDG640 or	Analysis and Correction of Difficulties in Literacy	3
	RDG574/624	Analysis and Correction of Difficulties in Adolescent Literacy	3
<b>Professional Requirements - Total Semester Hours</b>			<b>26-27</b>
<b>B. Field and Clinical Experiences (Minimum of ten semester hours)</b>			
	<b>Course Number</b>	<b>Course Title</b>	<b>Semester Hours</b>
1. Early Field Experiences (Minimum of one semester hour with a minimum of 30 clock hours)	SEC302	General Methods of Instruction in the Middle and Secondary Schools	1(3)
2. Mid-Level Field Experiences (Minimum of one semester hour with a minimum of 45 clock hours)	AGE558/658	Teaching of Agriculture	1(3)
3. Culminating Clinical Experiences (Minimum of eight semester hours with a minimum of 12 weeks in one placement)	AGE493 AGE494	Supervised Teaching Supervised Teaching	6 6
	or Clinical experience met while employed as teacher of record with a provisional cert		
<b>Field and Clinical Experiences - Total Semester Hours</b>			<b>14</b>
<b>Agriculture Content Knowledge Area (Minimum of 53 semester hours)</b>			
<b>A. Agriculture Content Knowledge Area (Minimum of 30 semester hours) – Candidate must hold a degree in the content area or a closely related field OR obtain a passing score on the designated Missouri Content Assessment (MoCA)</b>			
	<b>Course Number</b>	<b>Course Title</b>	<b>Semester Hours</b>
1. Animal Science (Minimum of three semester hours)			
2. Agronomy (Minimum of three semester hours)			
3. Agriculture Business (Minimum of three semester hours)			
4. Agriculture Economics (Minimum of three semester hours)			
5. Agriculture Mechanics (Minimum of three semester hours)			
6. Horticulture (Minimum of three semester hours)			
7. Electives from above (Minimum of zero-12 semester hours)			
<b>B. Electives from the following suggested areas: (15 semester hours)</b>			
	<b>Course Number</b>	<b>Course Title</b>	<b>Semester Hours</b>
1. Forestry			
2. Natural Resources			
3. Agriculture Journalism			
4. Integrated Pest Management			
<b>Content/Electives - Total Semester Hours</b>			<b>ALT = 0</b>
<b>C. Professional Vocational Education (Minimum of eight semester hours)</b>			
	<b>Course Number</b>	<b>Course Title</b>	<b>Semester Hours</b>
1. Methods of Teaching Vocational Agriculture	AGE558/658	Teaching of Agriculture	0(3)
2. Program Planning	AGE568/668	Course and Program Building in Agriculture Education	1(3)
3. Developing and Supervising Occupational Experience Programs			
a. Ownership (Entrepreneurship)	AGE318 AGE578/678	Introduction to Agricultural Education Methods of Teaching Agricultural Management	0(3) 1(3)
	AGE318 AGE578/678	Introduction to Agricultural Education Methods of Teaching Agricultural Management	0(3) 1(3)

4.	Developing and Using Instructional Materials and Teaching Aids	AGE558/658	Teaching of Agriculture	0(3)
5.	Supervising Student Organizations	AGE318 AGE568/668	Introduction to Agricultural Education Course and Program Building in Agriculture Education	0(3) 1(3)
6.	Teaching Agriculture Mechanics	AGE588/688	Methods of Teaching Agricultural Laboratory Management	2
7.	Planning and Conducting Adult Programs for Young and Adult Farmers	AGE568/668 AGE318	Course and Program Building in Agriculture Education Introduction to Agricultural Education	1(3) 1(3)
<b>Professional Vocational Education - Total Semester Hours</b>				<b>8</b>

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