



AGRICULTURE EDUCATION, GRADES 9-12

EDUCATOR PREPARATION PROGRAM NAME SOUTHEAST MISSOURI STATE UNIVERSITY	EDUCATOR PREPARATION PROGRAM CODE 120120
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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 on or before the date established in the Transition Plan.

QUESTIONS: Contact Educator Preparation, 573-751-1668 or 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	ED280	Introduction to Education as a Profession	0.5
	SE350	Pedagogy 1 Principles of Effective Teaching in Middle and Secondary	0.5
	SE365	Pedagogy 2 Secondary School-Interdisciplinary Methods and Technology	0.5
	SE385	Pedagogy 3 Advanced Methods of Middle and Secondary Teaching	.25
	SE317	Methods of Teaching Agriculture	1
	EF400	Seminar in Educational Issues	.25
b. Instructional Strategies and Techniques in Content Area Specialty	SE317	Techniques of Teaching Agriculture	1
	EF400	Seminar in Educational Issues	.25
c. Assessment, Student Data, and Data-Based Decision-Making	ED280	Introduction to Education as a Profession	.25
	SE350	Pedagogy 1 Principles of Effective Teaching in Middle and Secondary	.5
	SE365	Pedagogy 2 Secondary School-Interdisciplinary Methods and Technology	.5
	SE385	Pedagogy 3 Advanced Methods of Middle and Secondary Teaching	.5
	SE317	Techniques of Teaching Agriculture	.25
d. Strategies for Content Literacy	SE317	Techniques of Teaching Agriculture	.25
	SE307	Content Literacy Methods for Middle and High School	Hours are counted under "Secondary Literacy"
e. Critical Thinking and Problem Solving	SE350	Pedagogy 1 Principles of Effective Teaching in Middle and Secondary	.25
	SE365	Pedagogy 2 Secondary School-Interdisciplinary Methods and Technology	.25
	SE385	Pedagogy 3 Advanced Methods of Middle and Secondary Teaching	.25
	SE317	Techniques of Teaching Agriculture	.5
f. English Language Learning	SE385	Pedagogy 3 Advanced Methods of Middle and Secondary Teaching	.25
	SE307	Content Literacy Methods for Middle and High School	Hours are counted under "Secondary Literacy"
	SE390	Instructional Interventions for Middle and High School Students with Special Literacy Needs	
2. Individual Student Needs			
	Course Number	Course Title	Semester Hours
a. Psychological Development of the Child and Adolescent	PY222	Development of the Adolescent	3
b. Psychology/Education of the Exceptional Child	EX390	Psychology and Education of the Exceptional Child	3

c. Differentiated Learning	ED280 SE350 SE365 SE385	Introduction to Education as a Profession Pedagogy 1 Principles of Effective Teaching in Middle and Secondary Pedagogy 2 Secondary School-Interdisciplinary Methods and Technology Pedagogy 3 Advanced Methods of Middle and Secondary Teaching	.25 .25 .5 .5
d. Classroom Management	SE350 SE365 SE385 EF400	Pedagogy 1 Principles of Effective Teaching in Middle and Secondary Pedagogy 2 Secondary School-Interdisciplinary Methods and Technology Pedagogy 3 Advanced Methods of Middle and Secondary Teaching Seminar in Educational Issues	.5 .5 .5 .25
e. Cultural Diversity	ED280 SE350 SE365 SE385	Introduction to Education as a Profession Pedagogy 1 Principles of Effective Teaching in Middle and Secondary Pedagogy 2 Secondary School-Interdisciplinary Methods and Technology Pedagogy 3 Advanced Methods of Middle and Secondary Teaching	.25 .5 .25 .25
f. Educational Psychology	SE365 SE385	Pedagogy 2 Secondary School-Interdisciplinary Methods and Technology Pedagogy 3 Advanced Methods of Middle and Secondary Teaching	.25 .25
3. Schools and the Teaching Profession			
	Course Number	Course Title	Semester Hours
a. Consultation and Collaboration	ED280 SE350 SE365 SE385 EF400	Introduction to Education as a Profession Pedagogy 1 Principles of Effective Teaching in Middle and Secondary Pedagogy 2 Secondary School-Interdisciplinary Methods and Technology Pedagogy 3 Advanced Methods of Middle and Secondary Teaching Seminar in Educational Issues	.25 .5 .25 .25 .25
b. Legal/Ethical Aspects of Teaching	ED280 SE365	Introduction to Education as a Profession Pedagogy 2 Secondary School-Interdisciplinary Methods and Technology	.5 1
4. Secondary Literacy (Minimum of six semester hours)			
	Course Number	Course Title	Semester Hours
a. Reading and Writing in the Content Area	SE307	Reading and Writing in the Content Area	3
b. Instructional Interventions for Students with Reading Deficits	SE390	Instructional Interventions for Middle and High School Students with Special Literacy Needs	3
Professional Requirements - Total Semester Hours			28
B. Field and Clinical Experiences (Minimum of ten semester hours)			
	Course Number	Course Title	Semester Hours
1. Early Field Experiences (Minimum of one semester hour with a minimum of 30 clock hours)	ED280	Introduction to Education as a Profession	1
2. Mid-Level Field Experiences (Minimum of one semester hour with a minimum of 45 clock hours)	SE355	Field Experience	3
3. Culminating Clinical Experiences (Minimum of eight semester hours with a minimum of 12 weeks in one placement)	SE465	Middle and Secondary Student Teaching Field Experience	8
Field and Clinical Experiences - Total Semester Hours			12
Agriculture Content Knowledge Area (Minimum of 53 semester hours)			
A. Agriculture Content Knowledge Area (Minimum of 30 semester hours)			
	Course Number	Course Title	Semester Hours
1. Animal Science (Minimum of three semester hours)	AY 101 AY 105	Animal Science Animal Science Lab	3 2
2. Agronomy (Minimum of three semester hours)	AO215/015	Soils	3
3. Agriculture Business (Minimum of three semester hours)	AG 250	Agribusiness Management	3
4. Agriculture Economics (Minimum of three semester hours)	AG 245	Agricultural Economics	3
5. Agriculture Mechanics (Minimum of three semester hours)	AG 303	Agricultural Mechanization	3
6. Horticulture (Minimum of three semester hours)	HO 110	Introduction to Horticulture	3

7. Electives from above (Minimum of zero-12 semester hours)	AG 334 AG 447 AO120	Agribusiness Finance Marketing Agricultural Products Plant Science and AO125 Plant Science Lab	3 3 4
Agriculture Content Knowledge Area - Total Semester Hours			30
B. Electives from the following suggested areas: (15 semester hours)			
	Course Number	Course Title	Semester Hours
1. Forestry	AG355 UI436	Agriculture Seminar Agricultural Ethics	1 3
2. Natural Resources	UI344	Plants and Humanities	3
3. Agriculture Journalism	CH181 or CH185	Basic Principles of Chemistry OR General Chemistry	5
4. Integrated Pest Management	AG201	World Food and Society	3
Electives - Total Semester Hours			15
C. Professional Vocational Education (Minimum of eight semester hours)			
	Course Number	Course Title	Semester Hours
1. Methods of Teaching Vocational Agriculture	SE 317	Methods of Teaching Agriculture	(Hours counted above)
2. Program Planning	AG 302	Agricultural Education Planning	2.5
3. Developing and Supervising Occupational Experience Programs			
a. Ownership (Entrepreneurship)	SE 317	Methods of Teaching Agriculture	(Hours counted above)
b. Placement	SE 465	Middle and Secondary Student Teaching Field Experience	4
4. Developing and Using Instructional Materials and Teaching Aids	SE380 SE 317	Advanced Field Experience Methods of Teaching Agriculture	3 (Hours counted above)
5. Supervising Student Organizations	SE 317	Methods of Teaching Agriculture	(Hours counted above)
6. Teaching Agriculture Mechanics	AG303	Agricultural Mechanization	(Hours counted above)
7. Planning and Conducting Adult Programs for Young and Adult Farmers	AG 302	Agricultural Education Planning	.5
Professional Vocational Education - Total Semester Hours			10

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