



MIDDLE SCHOOL EDUCATION MATHEMATICS, GRADES 5-9

EDUCATOR PREPARATION PROGRAM NAME NORTHWEST MISSOURI STATE UNIVERSITY	EDUCATOR PREPARATION PROGRAM CODE 118118
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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 45 semester hours)

1. Content Planning and Delivery

	Course Number	Course Title	Semester Hours
a. Curriculum and Instructional Planning	17-582 62-511	Mathematical Methods for Middle School Teachers Middle School Curriculum Methods and Practicum	.75 1
b. Instructional Strategies and Techniques in Content Area Specialty	17-582 62-511	Mathematical Methods for Middle School Teachers Middle School Curriculum Methods and Practicum	.75 .5
c. Assessment, Student Data, and Data-Based Decision-Making	17-582 62-511 62-570	Mathematical Methods for Middle School Teachers Middle School Curriculum Methods and Practicum The Middle School	.5 .5 .5
d. Strategies for Content Literacy	17-582 62-356 62-353	Mathematical Methods for Middle School Teachers Teaching Reading Language Arts in EI School Teaching Reading in the Content Area	.75 1 1
e. Critical Thinking and Problem Solving	29-102 62-591	Fundamentals of Oral Communication Seminar in Education	3 .5
f. English Language Learning	61-262 or 61-260 or 62-362 61-461 61-474	Middle School Practicum I or Practicum I or Middle School Teaching Practicum II School and Society Directed Student Teaching	1 1

2. Individual Student Needs

	Course Number	Course Title	Semester Hours
a. Psychological Development of the Child and Adolescent	08-317	Psychology of Early Adolescence	2
b. Psychology/Education of the Exceptional Child	62-371	Introduction to Special Education	1
c. Differentiated Learning	62-371	Introduction to Special Education	.5
d. Classroom Management	61-520	Techniques of Classroom Management and Discipline	1
e. Cultural Diversity	61-569 or 62-371 and 61-570	Multiculturalism in Education or Introduction to Special Education and The Middle School	3 or .5 and .5
f. Educational Psychology	08-299/303	Education Psychology	3

3. Schools and the Teaching Profession

	Course Number	Course Title	Semester Hours
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a. Consultation and Collaboration	61-520	Techniques of Classroom Management and Discipline	1
b. Legal/Ethical Aspects of Teaching	62-591	Seminar in Education	.5
c. Middle School Philosophy and Organization	61-570	The Middle School	2
4. Middle School Literacy (Minimum of six semester hours)			
	Course Number	Course Title	Semester Hours
a. Reading and Writing in the Content Area	62-353 62-356 62-430	Teaching Reading in the Content Area Teaching Reading Language Arts in El Schl Teaching Writing in Middle School	1 2 2
b. Instructional Interventions for Students with Reading Deficits	61-461 62-371	School and Society Introduction to Special Education	2 1
5. Content Knowledge for Teaching (Minimum of 24 semester hours with appropriate distribution in one of the following certificate subject areas)			
	Course Number	Course Title	Semester Hours
a. Agricultural Education			
b. Business Education			
c. Technology and Engineering			
d. Language Arts			
e. Mathematics	17-171 17-114 17-117 17-120 17-280 17-371 17-473 17-497 17-118 17-311 17-215 17-230 17-119 17-197 17-121 17-115	24 hours from the below course listing: Fundamentals of Mathematics General Statistics Pre-calculus Calculus I Methods in Teaching with Technology Algebra and Geometry for Elem. and Middle School Teachers Advanced Topics for Middle School Teachers Connections to Teaching Mathematics College Algebra Linear Algebra Discrete Math Problems and Statistics Trigonometry Exploring Math Calculus II Concepts of Math	3 3 4 4 3 3 3 1 3 3 3 3 2 1 4 3
f. Science			
g. Social Science			
h. Speech/Theatre			
Professional Requirements - Total Semester Hours			67
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)	61-362	Middle School Teaching Practicum II	1
2. Mid-Level Field Experiences (Minimum of one semester hour with a minimum of 45 clock hours)	61-511	Middle School Curriculum Methods and Practicum	1
3. Culminating Clinical Experiences (Minimum of eight semester hours with a minimum of 12 weeks in one placement)	61-474	Directed Student Teaching	9
Field and Clinical Experiences - Total Semester Hours			11

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