



MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION
OFFICE OF EDUCATOR QUALITY – EDUCATOR PREPARATION

ELEMENTARY EDUCATION, GRADES 1-6

EDUCATOR PREPARATION PROGRAM NAME MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY	EDUCATOR PREPARATION PROGRAM CODE 116119
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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 grouplisted.
- 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 grouplisted.
- 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 36 semester hours)

1. Content Planning and Delivery

	Course Number	Course Title	Semester Hours
a. Curriculum and Instructional Planning	EDUC 3530 SS EDUC 3430 CL EDUC 3220 Sci EDUC 3215 EDUC 3216 EDUC 3217 EDUC 3218 EDUC 3203 EDUC 3221 EDUC 3222	Integrated SS & Humanities for Elementary Children's Literature Teaching Science in Elementary Teaching Reading in Elementary Teaching Reading in Content Area Analysis of Reading Difficulties Language Arts for Elementary Intro to STEM Education (formerly Problems of Teaching Math) Teaching Math in Elementary Geometric Concepts (Elementary)	
b. Instructional Strategies and Techniques in Content Area Specialty	EDUC 3530 SS EDUC 3220 Sci EDUC 3215 EDUC 3216 EDUC 3217 EDUC 3218 EDUC 3203 EDUC 3221 EDUC 3222	Integrated SS & Humanities for Elementary Teaching Science in Elementary Teaching Reading in Elementary Teaching Reading in Content Area Analysis of Reading Difficulties Language Arts for Elementary Intro to STEM Education (formerly Problems of Teaching Math) Teaching Math in Elementary Geometric Concepts (Elementary)	
c. Assessment, Student Data, and Data-Based Decision-Making	EDUC 3340	Current Issues in Educ: Performance Based Assessment, Intermediate	3
d. Strategies for Content Literacy	EDUC 3216	Teaching Reading in Content Area	
e. Critical Thinking and Problem Solving	EDUC 3220 Sci EDUC 3203 EDUC 3221 EDUC 3222	Teaching Science in Elementary Intro to STEM Education (formerly Problems of Teaching Math) Teaching Math in Elementary Geometric Concepts (Elementary)	

f. English Language Learning	EDUC 3215 EDUC 3216 EDUC 3217 EDUC 3218 EDUC 1104 Psych 2300 or EDUC 2102 EDUC 3530 SS	Teaching Reading in Elementary Teaching Reading in Content Area Analysis of Reading Difficulties Language Arts for Elementary Teacher Field Experience Educational Psychology (co-listed) Integrated SS & Humanities for Elementary	
2. Individual Student Needs			
	Course Number	Course Title	Semester Hours
a. Psychological Development of the Child and Adolescent	Psychology 3310	Developmental Psychology	3
b. Psychology/Education of the Exceptional Child	Psych 4310 or EDUC 4310	Psych of Exceptional Child (co-listed)	3
c. Differentiated Learning	EDUC 3215 EDUC 3216 EDUC 3217 EDUC 3218 EDUC 3221 EDUC 1104 EDUC 3203 EDUC 3530 SS	Teaching Reading in Elementary Teaching Reading in Content Area Analysis of Reading Difficulties Language Arts for Elementary Teaching Math in Elementary Teacher Field Experience Intro to STEM Education (formerly Problems of Teaching Math) Integrated SS & Humanities for Elementary	
d. Classroom Management	EDUC 1174 EDUC 4298	School Org & Adm for Elem and Sec Student Teaching Seminar	2 1
e. Cultural Diversity	Psych 2300 or EDUC 2102 EDUC 3216 EDUC 4298 EDUC 3530 SS EDUC 1040	Educational Psychology (co-listed) Teaching Reading in Content Area Student Teaching Seminar Integrated SS & Humanities for Elementary Perspectives in Education	2
f. Educational Psychology	Psych 2300 or EDUC 2102	Educational Psychology (co-listed)	3
3. Schools and the Teaching Profession			
	Course Number	Course Title	Semester Hours
a. Consultation and Collaboration	EDUC 1174 Psych 2300 or EDUC 2102 Psych 3310 Psych 4310 or EDUC 4310 EDUC 1104 EDUC 4298 EDUC 4299 EDUC 3530 SS EDUC 3430 CL EDUC 3220 Sci EDUC 3215 EDUC 3216 EDUC 3217 EDUC 3218 EDUC 3203 EDUC 3221 EDUC 3222	School Org & Adm for Elem and Sec Educational Psychology (co-listed) Developmental Psychology Psych of Exceptional Child (co-listed) Teacher Field Experience Student Teaching Seminar Student Teaching Integrated SS & Humanities for Elementary Children's Literature Teaching Science in Elementary Teaching Reading in Elementary Teaching Reading in Content Area Analysis of Reading Difficulties Language Arts for Elementary Intro to STEM Education (formerly Problems of Teaching Math) Teaching Math in Elementary Geometric Concepts (Elementary)	
b. Legal/Ethical Aspects of Teaching	EDUC 1174 EDUC 1040	School Org & Adm for Elem and Sec Perspectives in Education	

4. Content Knowledge for Teaching and Teaching and Learning Strategies for the Young Child (Minimum of 21 semester hours)			
	Course Number	Course Title	Semester Hours
a. Teaching Method Competencies shall include:			
i. Elementary Literacy (Minimum of 12 semester hours) to address curriculum, explicit and systematic instruction, and assessment in the following areas using authentic text and purposes:	EDUC 3430 CL EDUC 3215 EDUC 3216 EDUC 3217 EDUC 3218	Children's Literature Teaching Reading in Elementary Teaching Reading in Content Area Analysis of Reading Difficulties Language Arts for Elementary	3 3 3 3 3
(a) Language Acquisition	EDUC 3215 EDUC 3217 EDUC 3218	Teaching Reading in Elementary Analysis of Reading Difficulties Language Arts for Elementary	
(b) Phonological and Phonemic Awareness	EDUC 3215 EDUC 3217	Teaching Reading in Elementary Analysis of Reading Difficulties	
(c) Phonics	EDUC 3215 EDUC 3217	Teaching Reading in Elementary Analysis of Reading Difficulties	
(d) Vocabulary	EDUC 3215 EDUC 3216 EDUC 3217 EDUC 3218	Teaching Reading in Elementary Teaching Reading in Content Area Analysis of Reading Difficulties Language Arts for Elementary	
(e) Fluency	EDUC 3215 EDUC 3217	Teaching Reading in Elementary Analysis of Reading Difficulties	
(f) Comprehension	EDUC 3215 EDUC 3216 EDUC 3217 EDUC 3218	Teaching Reading in Elementary Teaching Reading in Content Area Analysis of Reading Difficulties Language Arts for Elementary	
(g) Writing Process	EDUC 3218	Language Arts for Elementary	
ii. Mathematics (Minimum of 6 semester hours)	EDUC 3203 EDUC 3221 EDUC 3222	Intro to STEM Education (formerly Problems of Teaching Math) Teaching Math in Elementary Geometric Concepts (Elementary)	3 3 3
iii. Science	EDUC 3220 Sci EDUC 3203	Teaching Science in Elementary Intro to STEM Education (formerly Problems of Teaching Math)	3
iv. Social Science	EDUC 3530 SS	Integrated SS & Humanities for Elementary	3
b. Integration of the following areas:			
i. Art	EDUC 3530 SS	Integrated SS & Humanities for Elementary	
ii. Music	EDUC 3530 SS	Integrated SS & Humanities for Elementary	
iii. Health and Physical Education	EDUC 3530 SS	Integrated SS & Humanities for Elementary	

iv. Technology in Education	IS&T 1551 or Comp Sci 1500 or Comp Sci 1570 or Comp Sci 1971/1981 or Comp Sci 1970/1980 or Comp Sci 1972/1982 EDUC 1174 Psych 2300 or EDUC 2102 Psychology 3310 Psych 4310 or EDUC 4310 EDUC 1104 EDUC 4298 EDUC 4299 EDUC 3530 SS EDUC 3430 CL EDUC 3220 Sci EDUC 3215 EDUC 3216 EDUC 3217 EDUC 3218 EDUC 3203 EDUC 3221 EDUC 3222	Implementing Information Systems: User Perspective Computational Problem Solving Intro to Programming Intro to Programming Methodology/Lab or Basic Scientific Programming/Computer Programming Laboratory Intro to MATLAB Programming/Lab School Org & Adm for Elem and Sec Educational Psychology (co-listed) Developmental Psychology Psych of Exceptional Child (co-listed) Teacher Field Experience Student Teaching Seminar Student Teaching Integrated SS & Humanities for Elementary Children's Literature Teaching Science in Elementary Teaching Reading in Elementary Teaching Reading in Content Area Analysis of Reading Difficulties Language Arts for Elementary Intro to STEM Education (formerly Problems of Teaching Math) Teaching Math in Elementary Geometric Concepts (Elementary)	3
Professional Requirements - Total Semester Hours			50
B. Field and Clinical Experiences (Minimum of 10 semester hours)			
	Course Number	Course Title	Semester Hours
1. Early Field Experiences (Minimum of 1 semester hour with a minimum of 30 clock hours)	EDUC 1104	Teacher Field Experience	2
2. Mid-Level Field Experiences (Minimum of 1 semester hour with a minimum of 45 clock hours)	EDUC 3530 SS EDUC 3430 CL EDUC 3220 Sci EDUC 3215 EDUC 3216 EDUC 3217 EDUC 3218 EDUC 3203 EDUC 3221 EDUC 3222	Integrated SS & Humanities for Elementary Children's Literature Teaching Science in Elementary Teaching Reading in Elementary Teaching Reading in Content Area Analysis of Reading Difficulties Language Arts for Elementary Intro to STEM Education (formerly Problems of Teaching Math) Teaching Math in Elementary Geometric Concepts (Elementary)	
3. Culminating Clinical Experiences (Minimum of 8 semester hours with a minimum of 12 weeks in 1 placement)	EDUC 4299	Student Teaching	12
Field and Clinical Experiences - Total Semester Hours			14

The Department of Elementary and Secondary Education does not discriminate on the basis of race, color, religion, gender, national origin, age, or disability in its programs and activities. Inquiries related to Department programs and to the location of services, activities, and facilities that are accessible by persons with disabilities may be directed to the Jefferson State Office Building, Office of the General Counsel, Coordinator – Civil Rights Compliance (Title VI/Title IX/504/ADA/Age Act), 6th Floor, 205 Jefferson Street, P.O. Box 480, Jefferson City, MO 65102-0480; telephone number 573-526-4757 or TTY 800-735-2966 email civilrights@dese.mo.gov.