

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

EARLY CHILDHOOD EDUCATION BIRTH-GRADE 3 CURRICULUM MATRIX

EDUCATOR PREPARATION PROGRAM NAME

Missouri University of Science and Technology

EDUCATOR PREPARATION PROGRAM CODE

116119

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 60 semester hours)

		Course Number	Course Title	Semester Hours
a.	Curriculum and Instructional Planning	EDUC 3530 – SS	Teaching Integrated SS & Humanities	3
		EDUC 3430 CL	Children's Literature	
		EDUC 3220 Sci	Teaching Science in Elem and Early Childhood	3
		EDUC 3215	Teaching Reading in Elem and Early Childhood	3
			Settings	3
		EDUC 3216	Instructional Literacy in the Content Area	3
		EDUC 3217	Analysis & Correction of Reading Difficulties	3
		EDUC 3217	-	3
		EDUC 3218	Language Arts for Elem & Early Childhood Teachers	
		EDITIC 3303		3
		EDUC 3203	Intro to STEM Education	3
		EDUC 3221	Methods of Teaching Math	
b.	Instructional Strategies and	EDUC 3530 – SS	Teaching Integrated SS & Humanities	
	Techniques in Content Area Specialty	EDUC 3220 Sci	Teaching Science in Elem and Early Childhood	
		EDUC 3215	Teaching Reading in Elem and Early Childhood	
			Settings	
		EDUC 3216	Instructional Literacy in the Content Area	
		EDUC 3217	Analysis & Correction of Reading Difficulties	
		EDUC 3218	Language Arts for Elem & Early Childhood	
			Teachers	
		EDUC 3203	Intro to STEM Education	
		EDUC 3221	Methods of Teaching Math	
C.	Assessment, Student Data, and Data-Based Decision-Making	EDUC 3340	Assessment of Student Learning	
		EDUC 3340	Observation and Assessment of Young Children	3
		LD0C 2440	Observation and Assessment of Tourig Children	3
d.	Strategies for Content Literacy	EDUC 3216	Instructional Literacy in the Content Area	
e.	Critical Thinking and Problem Solving	55110.0000.5		
		EDUC 3220 Sci	Teaching Science in Elementary	
		EDUC 3203	Intro to STEM Education	
		EDUC 3221	Methods of Teaching Math	

f. English Language Learning	EDUC 3215	Teaching Reading in Elem and Early Childhood	
		Settings	
	EDUC 3216	Instructional Literacy in the Content Area	
	EDUC 3217	Analysis & Correction of Reading Difficulties	
	EDUC 3218	Language Arts for Elem and Early Childhood	
		Teachers	
	EDUC 1104	Teacher Field Experience I	
	Psych 2300 or EDUC	Educational Psychology (co-listed)	
	2102		
	EDUC 3530 - SS	Teaching Integrated SS & Humanities	
Individual Student Needs			
	Course Number	Course Title	Semester Hours
Psychological Development of the Child and Adolescent	Psychology 3310	Developmental Psychology	3
b. Psychology/Education of the Exceptional Child	Psych 4310 or EDUC	Psych of the Exceptional Child (co-listed)	
Exceptional Child	4310 or EDUC 2310	,	3
c. Differentiated Learning	EDUC 3215	Teaching Reading in Elem and Early Childhood	
Ç	LD0C 3213	Settings	
	EDUC 3216	Instructional Literacy in the Content Area	
	EDUC 3217	Analysis & Correction of Reading Difficulties	
	EDUC 3218	Language Arts for Elem and Early Childhood	
		Teachers	
	EDUC 3221	Methods of Teaching Math	
	EDUC 1104	Teacher Field Experience I	
	EDUC 3203	Intro to STEM Education	
d. Classroom Management	EDUC 1174	School Org & Administration	2
	EDUC 4298	Management Student Teaching Seminar	1
e. Cultural Diversity		Management Stadent Teaching Seminal	
e. Cultural Diversity	Psych 2300 or	Educational Psychology (co-listed)	
	EDUC 2102	Instructional Literacy in the Content Area	
	EDUC 3216	Management Student Teaching Seminar	
	EDUC 4298	Teaching Integrated SS & Humanities	
	EDUC 3530 – SS	Perspectives in Education	2
f. Education ID. 1.1	EDUC 1040	·	2
f. Educational Psychology	Psych 2300 or EDUC	Educational Psychology (co-listed)	3
	2102		
Schools and the Teaching Profession			Semester

Consultation and Collaboration	55,10,117,1	
a. Consultation and Collaboration	EDUC 1174	School Org & Administration
	Psych 2300 or EDUC	
	2102	Educational Psychology (co-listed)
	Psychology 3310	Developmental Psychology
	Psych 4310 or EDUC	Psych of Exceptional Child (co-listed)
	4310 or EDUC	
	2310	
	EDUC 1104	Teacher Field Experience I
	EDUC 4298	Student Teaching Seminar
	EDUC 4299	Student Teaching
	EDUC 3530 – SS	Teaching Integrated SS & Humanities
	EDUC 3430 CL	Children's Literature
	EDUC 3220 Sci	Teaching Science in Elem and Early Childhood
	EDUC 3215	Teaching Reading in Elem and Early Childhood
		Settings
	EDUC 3216	Instructional Literacy in the Content Area
	EDUC 3217	Analysis & Correction of Reading Difficulties
	EDUC 3218	Language Arts for Elem and Early Childhood
		Teachers
	EDUC 3203	Intro to STEM Education
	EDUC 3221	Methods of Teaching Math
h Logal/Ethical Aspects of Tasshing		
b. Legal/Ethical Aspects of Teaching	EDUC 1174	School Org & Administration
	EDUC 1040	Perspectives in Education
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		Strategies for the Young Child (Minimum of 30 ser	Semester
	Course Number	Course little	Hours
a. Early Childhood Principles			
i. Child Development	EDUC 3211	Child Development	3
ii. Play-Based and Inquiry-Based Learning	EDUC 3203	Intro to STEM Education	
iii. Observing and Assessing Young Children	EDUC 2440	Observation and Assessment of Young Children	
iv. Language Acquisition	EDUC 1055 EDUC 3215 EDUC 3217 EDUC 3218	Introduction to Early Childhood Teaching Reading in Elem and Early Childhood Settings Analysis & Correction of Reading Difficulties Lang Arts for Elem & Early Childhood Teachers	3
 Methods of Teaching and Differentiated Instruction in the following integrated areas: 			
i. Early Literacy (Minimum of 6 semester hours) to address curriculum, explicit and systematic instruction, and assessment in the following areas using authentic text and purposes:			
(a) Language Acquisition	EDUC 1055 EDUC 3215 EDUC 3217 EDUC 3218	Introduction to Early Childhood Teaching Reading in Elem and Early Childhood Settings Analysis & Correction of Reading Difficulties Language Arts for Elem and Early Childhood Teachers	
(b) Phonological and Phonemic Awareness	EDUC 3215	Teaching Reading in Elem and Early Childhood Settings	
	EDUC 3217	Analysis & Correction of Reading Difficulties	
(c) Phonics	EDUC 3215	Teaching Reading in Elem and Early Childhood Settings	
(d) Vocabulary	EDUC 3217	Analysis & Correction of Reading Difficulties	
(u) Vocabulary	EDUC 3215	Teaching Reading in Elem and Early Childhood Settings	
	EDUC 3216	Instructional Literacy in the Content Area Analysis & Correction of Reading Difficulties	
	EDUC 3217 EDUC 3218	Language Arts for Elem and Early Childhood Teachers	
(e) Fluency	EDUC 3215	Teaching Reading in Elem and Early Childhood Settings	
	EDUC 3217	Analysis & Correction of Reading Difficulties	
(f) Comprehension	EDUC 3215	Teaching Reading in Elem and Early Childhood Settings	
	EDUC 3216 EDUC 3217 EDUC 3218	Instructional Literacy in the Content Area Analysis & Correction of Reading Difficulties Language Arts for Elem and Early Childhood Teachers	
(g) Writing Process	EDUC 3218	Language Arts for Elem and Early Childhood Teachers	
ii. Mathematics	EDUC 3221	Methods of Teaching Math	
iii. Health	EDUC 3530 EDUC 1221	Teaching Integrated SS & Humanities Health, Nutrition and Safety	3

EDUC 3220 V. Nutrition	to Oakanaa		T	
vi. Social Studies vii. Music EDUC 3238 EDUC 3230 E	iv. Science		=	
EDUC 3330 Educ	v. Nutrition	EDUC 1221	Health, Nutrition and Safety	
EDUC 3430 Viii. Safety EDUC 1221 Ix. Movement EDUC 3430 EDUC 3430 EDUC 3430 EDUC 3218 EDUC 3218 EDUC 3430 EDUC 3430 EDUC 3430 EDUC 3430 EDUC 3430 Ix. Art EDUC 3218 EDUC 3430 EDUC 3430 EDUC 3430 Ix. Drama EDUC 3430 EDUC 3430 EDUC 3430 EDUC 3430 Ix. Drama EDUC 3430 EDUC 3430 EDUC 3430 EDUC 3430 EDUC 3430 Children's Literature Course Children's Literature EDUC 3430 EDUC 3401 EDUC 3401	vi. Social Studies	EDUC 3530	Teaching Integrated SS & Humanities	
IX. Movement EDUC 3430 Children's Literature EDUC 3530 Teaching Integrated SS & Humanities	vii. Music		Teachers	
EDUC 3430 EDUC 3430 EDUC 3218 EDUC 3218 EDUC 3430 Xi. Drama EDUC 3430 Children's Literature 5. Home-School-Community Relations (Minimum of 6 semester-hours) Course Number	viii. Safety	EDUC 1221	Health, Nutrition and Safety	
EDUC 3218 EDUC 3430 Teachers Children's Literature Xi. Drama EDUC 3430 Children's Literature EDUC 3430 Children's Literature Course Course Title Number EDUC 2401 EDUC 1174 School, Family, and Community Partnerships School Org & Administration EDUC 1174 EDUC 1174 School Org & Administration School Org & Administration 3 EDUC 2401 EDUC 1174 School, Family Engagement EDUC 2401 EDUC 1174 EDUC 1174 School, Family and Community Partnerships EDUC 1174 School Org & Administration 3 C. Linking Families with Community Resources EDUC 1075 EDUC 2401 EDUC 1174 School, Family and Community Partnerships EDUC 2401 School, Family and Community Partnerships EDUC 2401 School, Family and Community Partnerships EDUC 2401 EDUC 35 EDUC 2401 EDUC 35 EDUC 2401 EDUC 35 EDUC 2401 EDUC 35	ix. Movement			
5. Home-School-Community Relations (Minimum of 6 semester hours) Course Number Course Title Semester Hours	x. Art		Teachers	
a. Families as Educational Partners EDUC 2401 EDUC 1174 EDUC 2401 EDUC 1174 EDUC 1075 EDUC 1174 EDUC 2401 CEDUC 2401 EDUC 1174 EDUC 2401 EDUC 1174 EDUC 2401 C. Linking Families with Community Resources EDUC 12401 EDUC 2401 EDUC 1820 Early Childhood Education EDUC 1820 Early Childhood Program Management Beath, Nutrition, and Safety of Young Children Children Course Title Health, Nutrition and Safety EDUC 1820 Early Childhood Program Management Beath, Nutrition and Safety EDUC 1221 Health, Nutrition and Safety EDUC 1055 Intro to Early Childhood Education Professional Requirements - Total Semester Hours EDUC 1055 EDUC 1055 EDUC 1055 EDUC 1055 EDUC 1056 EDUC 1056 EDUC 1056 EDUC 1056 EDUC 1056 EDUC 1056 EDUC 1104 Early Field Experiences (Minimum of 10 semester hours to include experiences in each of the three different age levels: Infant/Toddler, Pre-K/Kindergarten, and Kindergarten-Grade 3) EDUC 1104 EDUC 1104 Teacher Field Experience I 2 Mid-Level Field Experiences (Minimum of 1 semester hour with a minimum of 45 clock hours) EDUC 1104 Teacher Field Experience II 2 Mid-Level Field Experiences (Minimum of 8	xi. Drama	EDUC 3430	Children's Literature	
a. Family Engagement EDUC 2401 EDUC 1174 EDUC 1174 EDUC 1174 EDUC 1174 EDUC 2401 EDUC 1820 Early Childhood Education School, Family and Community Partnerships EDUC 1820 Early Childhood Program Management Bearly Childhood Education EDUC 1221 Health, Nutrition and Safety EDUC 1221 Health, Nutrition and Safety EDUC 1055 Intro to Early Childhood Education Professional Requirements - Total Semester Hours EDUC 1055 Environmental Organization and Design EDUC 1055 Environmental Experiences (Minimum of 10 semester hours to include experiences in each of the three different age levels: Infant/Toddler, Pre-K/Kindergarten, and Kindergarten-Grade 3) EDUC 1104 Teacher Field Experience I 2 Mild-Level Field Experiences (Minimum of 1 semester hour with a minimum of 45 clock hours) EDUC 1104 Teacher Field Experience II 2 Mild-Level Field Experiences (Minimum of 8 EDUC 1164 EDUC 1164 Teacher Field Experience II 2	5. Home-School-Community Relations	(Minimum of 6 semester	hours)	
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EDUC 1174 EDUC 2401 School Org & Administration School Org & Administration School, Family and Community Partnerships C. Linking Families with Community Resources EDUC 1055 EDUC 2401 EDUC 1055 EDUC 2401 School, Family and Community Partnerships 6. Program Management (Minimum of 6 semester hours) Course Number Course Title Semester Hours But 1820 Early Childhood Program Management School, Family and Community Partnerships 6. Program Administration and Management EDUC 1820 Early Childhood Program Management School, Family and Community Partnerships EDUC 1820 Early Childhood Program Management School, Family and Community Partnerships EDUC 1820 Early Childhood Program Management School, Family and Community Partnerships EDUC 1820 Early Childhood Program Management School, Family and Community Partnerships EDUC 1820 Early Childhood Program Management School, Family and Community Partnerships EDUC 1820 Early Childhood Program Management School, Family and Community Partnerships EDUC 1820 Early Childhood Program Management School, Family and Community Partnerships EDUC 1820 Early Childhood Program Management School, Family and Community Partnerships EDUC 1820 Early Childhood Program Management School, Family and Community Partnerships EDUC 1820 Early Childhood Program Management Semester Hours EDUC 1055 Intro to Early Childhood Education EDUC 1055 Intro to Early Child	a. Families as Educational Partners		-	3
6. Program Management (Minimum of 6 semester hours) a. Program Administration and Management EDUC 1820 Early Childhood Program Management 3 b. Health, Nutrition, and Safety of Young Children c. Environmental Organization and Design EDUC 1221 Health, Nutrition and Safety c. Environmental Organization and Design EDUC 1055 Intro to Early Childhood Education Professional Requirements - Total Semester Hours 65 B. Field and Clinical Experiences (Minimum of 10 semester hours to include experiences in each of the three different age levels: Infant/Toddler, Pre-K/Kindergarten, and Kindergarten-Grade 3) Course Number 1. Early Field Experiences (Minimum of 1 semester hour with a minimum of 30 clock hours) EDUC 1104 Teacher Field Experience I 1 2. Mid-Level Field Experiences (Minimum of 1 semester hour with a minimum of 45 clock hours) 3. Culminating Clinical Experiences (Minimum of 8	b. Family Engagement	EDUC 1174	School Org & Administration	3
a. Program Administration and Management EDUC 1820 Early Childhood Program Management 3 b. Health, Nutrition, and Safety of Young Children EDUC 1221 Health, Nutrition and Safety c. Environmental Organization and Design EDUC 1055 Intro to Early Childhood Education Professional Requirements - Total Semester Hours 65 B. Field and Clinical Experiences (Minimum of 10 semester hours to include experiences in each of the three different age levels: Infant/Toddler, Pre-K/Kindergarten, and Kindergarten-Grade 3) 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 I 1 2. Mid-Level Field Experiences (Minimum of 1 semester hour with a minimum of 45 clock hours) BUC 1164 Teacher Field Experience II 2 Course Semester Hour with a minimum of 45 clock hours) Course Semester Field Experience II 2	c. Linking Families with Community Re	EDUC 1022	<u> </u>	
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Professional Requirements - Total Semester Hours 65 B. Field and Clinical Experiences (Minimum of 10 semester hours to include experiences in each of the three different age levels: Infant/Toddler, Pre-K/Kindergarten, and Kindergarten-Grade 3) 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 I Mid-Level Field Experiences (Minimum of 1 semester hour with a minimum of 45 clock hours) Course Number EDUC 1104 Teacher Field Experience II 2 Course Field Experience II 2	Children	EDUC 1221	Health, Nutrition and Safety	
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Levels: Infant/Toddler, Pre-K/Kindergarten, and Kindergarten-Grade 3 Course Number Course Title Semester Hours		Profes	sional Requirements - Total Semester Hours	65
1. Early Field Experiences (Minimum of 1 semester hour with a minimum of 30 clock hours) 2. Mid-Level Field Experiences (Minimum of 1 semester hour with a minimum of 45 clock hours) 3. Culminating Clinical Experiences (Minimum of 8	B. Field and Clinical Experiences (Minimu levels: Infant/Toddler, Pre-K/Kinderga	m of 10 semester hours rten, and Kindergarten	s to include experiences in each of the three d -Grade 3)	ifferent age
hour with a minimum of 30 clock hours) EDUC 1104 Teacher Field Experience I Mid-Level Field Experiences (Minimum of 1 semester hour with a minimum of 45 clock hours) Culminating Clinical Experiences (Minimum of 8			Course Title	
semester hour with a minimum of 45 clock hours) 3. Culminating Clinical Experiences (Minimum of 8			Teacher Field Experience I	1
Culminating Clinical Experiences (Minimum of 8			Teacher Field Experience II	2
placement)	 Culminating Clinical Experiences (Minim semester hours with a minimum of 12 we 	um of 8 eeks in 1 EDUC 4299	Student Teaching	12
Field and Clinical Experiences - Total Semester Hours 15		Field and	Clinical Experiences - Total Semester Hours	15