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	EDUCATOR PREPARATION PROGRAM CODE
University of Missouri	116116

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)

1. Content Planning and Delivery

	Course Number	Course Title	Semester Hours
a. Curriculum and Instructional Planning	LTC 1180 LTC 4110 LTC 4120/ 7120 LTC 4130/ 7130 LTC 4140/ 7140 LTC 4150/ 7150 LTC 4170 LTC 4240/ 7240 LTC 4250 LTC 4460	Orientation Working with Infants & Toddlers Emergent & Developing Literacy in Early Child Teaching and Learning Math, Science, and Social Studies with Young Children Curriculum, Theory, Classroom Management in Early Childhood Education Early Childhood Education Literacy, Teaching, and Assessment Methods II Program Management & Environmental Organization in PreKindergarten Art for Children Music for Children Teaching English to Speakers of Other Languages	1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
b. Instructional Strategies and Techniques in Content Area Specialty	LTC 4110 LTC 4120/ 7120 LTC 4130/ 7130 LTC 4140/ 7140 LTC 4150/ 7150 LTC 4170 LTC 4240/ 7240 LTC 4250 IS_LT 4467 OR IS_LT 2467	Working with Infants & Toddlers Emergent & Developing Literacy in Early Child Teaching/Learning Math, Science, Social Studies with Young Child Curriculum, Theory, Classroom Management in ECE ECE Literacy Methods & Assessments II Program Management & Environmental Organization in PreKindergarten Art for Children Music for Children Technology to Enhance Learning OR Inquiry into Empowering Learners with Technology	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 3
c. Assessment, Student Data, and Data-Based Decision-Making	ESC_PS 2010/7000 LTC 4091/ 7091 LTC 4130/ 7130 ED_LPA 4060/7060	Inquiry into Learning I Assessment & Family Collaboration in Early Childhood Teaching and Learning Math, Science, and Social Studies with Young Children Inquiry into Schools, Community & Society II	1.0 0.1 0.1 0.1
d. Strategies for Content Literacy	LTC 4120/ 7120 LTC 4150/ 7150	Emergent & Developing Literacy in Early Child ECE Literacy Methods & Assessments II	0.1 0.1

		Course Number	Course Title	Semester Hours
e.	Critical Thinking and Problem Solving	LTC 4120/ 7120	Emergent & Developing Literacy in Early Child	0.1
		LTC 4130/ 7130	Teaching and Learning Math, Science, and Social Studies with Young Children	0.1
		LTC 4140/ 7140	Curriculum Theory, Classroom Management in Early Childhood	0.1
		LTC 4150/ 7150	Early Childhood Education Literacy, Teaching, and Assessment Methods II	0.1
f.	English Language Learning	LTC 4460	Teaching English to Speakers of Other Languages	1.5

2. Individual Student Needs

		Course Number	Course Title	Semester Hours
a.	Psychological Development of the Child and Adolescent	ESC_PS 2010/7000 H_D_FS 3150	Inquiry into Learning I Child Development 4-8 (Early Childhood)	1.0 1.5
b.	Psychology/Education of the Exceptional Child	SPC_ED 4020/7020	Teaching the Exceptional Learner	1.5
c.	Differentiated Learning	SPC_ED 4020/7020	Teaching the Exceptional Learner	0.5
d.	Classroom Management	SPC_ED 4020/7020 LTC 4140/ 7140	Teaching the Exceptional Learner Curriculum Theory, Classroom Management in Early Childhood	0.5 1.1
e.	Cultural Diversity	LTC 2040/7040 LTC 4110 LTC 4120/ 7120 LTC 4130/ 7130 LTC 4140/ 7140 LTC 4150/ 7150	Inquiry into Schools, Community & Society I Working with Infants & Toddlers Emergent & Developing Literacy in Early Child Teaching and Learning Math, Science, and Social Studies with Young Children Curriculum, Theory, Classroom Management in Early Childhood Education ECE Literacy Methods & Assessments II	3.0 0.1 0.1 0.1 0.1 0.1
f.	Educational Psychology	ESC_PS 2010/7000	Inquiry into Learning I	1.0

3. Schools and the Teaching Profession

		Course Number	Course Title	Semester Hours
a.	Consultation and Collaboration	LTC 4091/ 7091	Assessment & Family Collaboration in Early Child	0.1
		LTC 4130/ 7130	Teaching/Learning Math, Science, Social Studies with Young Child	0.1
		ED_LPA 4060/7060	Inquiry into Schools, Community & Society II	0.1
b.	Legal/Ethical Aspects of Teaching	SPC_ED 4020/7020 ED_LPA 4060/7060	Teaching the Exceptional Learner Inquiry into Schools, Community & Society II	0.5 0.2

4. Content Knowledge for Teaching and Teaching and Learning Strategies for the Young Child (Minimum of 30 semester hours)			
	Course Number	**Course Title**	**Semester Hours**
a. Early Childhood Principles			
i. Child Development	H_D_FS 3150 LTC 4110	Child Development 4-8 (Early Childhood) Working with Infants & Toddlers	1.5 1
ii. Play-Based and Inquiry-Based Learning	LTC 4110 LTC 4130/ 7130 LTC 4140/ 7140 LTC 4150/ 7150	Working with Infants & Toddlers Teaching and Learning Math, Science, and Social Studies with Young Children Curriculum, Theory & Classroom Management in ECE Early Childhood Education Literacy, Teaching, and Assessment Methods II	.70.1 1.5 0.1
iii. Observing and Assessing Young Children	LTC 4091/ 7091	Assessment & Family Collaboration in ECE	.8
iv. Language Acquisition	LTC 4210 LTC 4460	Children's Language & Literature Teaching English to Speakers of Other Languages	2 1.4
b. 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	LTC 4120 LTC 4124 LTC 4150 LTC 4210	ECE Literacy Methods & Asses. I ECE Literacy Methods Field ECE Literacy Methods & Asses. II Children's Language & Literature	.1 .1 .1 .4
(b) Phonological and Phonemic Awareness	LTC 4120 LTC 4124 LTC 4150 LTC 4210	ECE Literacy Methods & Asses. I ECE Literacy Methods Field ECE Literacy Methods & Asses. II Children's Language & Literature	.3 .5 .1 .2
(c) Phonics	LTC 4120 LTC 4124 LTC 4150	ECE Literacy Methods & Asses. I ECE Literacy Methods Field ECE Literacy Methods & Asses. II	.4. .5 .4
(d) Vocabulary	LTC 4120 LTC 4124 LTC 4150 LTC 4210	ECE Literacy Methods & Asses. I ECE Literacy Methods Field ECE Literacy Methods & Asses. II Children's Language & Literature	.4 .5 .4 .2
(e) Fluency	LTC 4120 LTC 4124 LTC 4150 LTC 4210	ECE Literacy Methods & Asses. I ECE Literacy Methods Field ECE Literacy Methods & Asses. II Children's Language & Literature	.5 .5 .1 .1
(f) Comprehension	LTC 4120 LTC 4124 LTC 4150 LTC 4210	ECE Literacy Methods & Asses. I ECE Literacy Methods Field ECE Literacy Methods & Asses. II Children's Language & Literature	.4 .5 .1 .1
(g) Writing Process	LTC 4120 LTC 4124 LTC 4150	ECE Literacy Methods & Asses. I ECE Literacy Methods Field ECE Literacy Methods & Asses. II	.1 .4 1.2
ii. Mathematics	LTC 4130/ 7130	Teaching/Learning Math, Science, Social Studies with Young Child	3
iii. Health	LTC 2200 LTC 4130/ 7130	School Health & Student Wellbeing Teaching/Learning Math, Science, Social Studies with Young Child	0.47 0.14
iv. Science	LTC 4130/ 7130	Teaching/Learning Math, Science, Social Studies with Young Child	2.
v. Nutrition	LTC 2200	School Health & Student Wellbeing	0.46
vi. Social Studies	LTC 4130/ 7130	Teaching/Learning Math, Science, Social Studies with Young Child	2.
vii. Music	LTC 4250	Music for Children	1.8
viii. Safety	LTC 2200	School Health & Student Wellbeing	0.47

	Course Number	Course Title	Semester Hours
ix. Movement	LTC 4130/ 7130	Teaching/Learning Math, Science, Social Studies with Young Child	0.14
x. Art	LTC 4240/ 7240	Art for Children	1.8
xi. Drama	LTC 4120/ 7120	Emergent & Developing Literacy in Early Child	0.1

5. Home-School-Community Relations (Minimum of 6 semester hours)			
	Course Number	Course Title	Semester Hours
a. Families as Educational Partners	ESC_PS 2000	Experiencing Cultural Diversity in the United States	3
	LTC 4091/ 7091	Assessment & Family Collaboration in Early Child	0.66
b. Family Engagement	LTC 4091/ 7091	Assessment & FamilyCollaboration in Early Childhood	0.66
	LTC 4130/ 7130	Teaching/LearningMath, Science, Social Studies with Young Child	1.02
c. Linking Families with Community Resources	LTC 4091/ 7091	Assessment & Family Collaboration in Early Childhood	0.66

6. Program Management (Minimum of 6 semester hours)			
	Course Number	Course Title	Semester Hours
a. Program Administration and Management	ED_LPA 4060/7060 LTC 4170	Inquiry into Schools, Community & Society II Program Management & Environmental Organization in PreK	2.6 .9
b. Health, Nutrition, and Safety of Young Children	LTC 2200	School Health & Student Wellbeing	1.6
c. Environmental Organization and Design	LTC 4170	Program Management & Environmental Organization in PreK	.9
Professional Requirements - Total Semester Hours			63

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)	ESC_PS 2014 LTC 2044	Inquiry into Learning I Field Inquiry into Schools, Community & Society I Field	1 1
2. Mid-Level Field Experiences (Minimum of 1 semester hour with a minimum of 45 clock hours)	LTC 4110 LTC 4134	Working with Infants & Toddlers (field 30 clock hours) Teaching & Learning Math, Sci, Social w/ Young Children Field Experience (90 clock hours)	1 3
3. Culminating Clinical Experiences (Minimum of 8 semester hours with a minimum of 12 weeks in 1 placement)	LTC 4971 LTC 4170 LTC 4971	ECE Senior Year Onsite Program K-3 (field: 8 weeks @ 2 days/week = 102 clock hours) Program Management & Environmental Design in Prekindergarten Field (8 weeks @ 2 days/week = 102 clock hours) K-3 Internship with Capstone (Full time for 15 weeks)	3 1 12
Field and Clinical Experiences - Total Semester Hours			22