



MIDDLE SCHOOL SCIENCE, GRADES 5-9

EDUCATOR PREPARATION PROGRAM NAME ST. LOUIS TEACHER RESIDENCY	EDUCATOR PREPARATION PROGRAM CODE 703622
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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	CK-140	Understanding by Design Part I, Standards and Content	.33
	CK-145	Understanding by Design Part II, Unit Planning	1.5
b. Instructional Strategies and Techniques in Content Area Specialty	CK-141	Teaching Methods 1 for Science Classrooms	1.33
	CK-144	Teaching Methods 2, Advanced Design for Science Classrooms	1.33
	CP-133	Executing Student Practice	.40
	CCS-123	Investing and Engaging Students	.33
	CE-151	Residency Practicum	3.15
	CE-152	Advanced Clinical Experience, Student Teaching	6.3
c. Assessment, Student Data, and Data-Based Decision-Making	CP-131	Designing Effective Assessments	.77
	CP-134	Data-Driven Instruction	.50
d. Strategies for Content Literacy	CK-142	Literacy Instruction I, Middle Grades Literacy	.25
e. Critical Thinking and Problem Solving	CP-132	Effective Questioning & Checks for Understanding	.40
	CE-151	Residency Practicum	5.25
f. English Language Learning	CK-146	Supporting Special Populations	.67

2. Individual Student Needs

	Course Number	Course Title	Semester Hours
a. Psychological Development of the Child and Adolescent	CP-130	Child Development & Educational Psychology	.25
b. Psychology/Education of the Exceptional Child	CK-146	Supporting Special Populations	.67

c. Differentiated Learning	CP-135	Differentiated Instruction	.38
d. Classroom Management	CCS-120	Setting a Vision: Academic Expectations & Culture of Care and Support	.33
	CCS-121	Establishing Expectations: Designing Classroom Systems and Routines	.50
	CCS-122	Maintaining High Behavioral & Academic Expectations	.90
e. Cultural Diversity	DEC-110	Social Context of Education, Part I	1.0
	DEC-111	Knowing Students, Families and Schools	.25
	DEC-113	Social Context of Education, Part II	.6
	DEC-114	Working with Communities	1.0
f. Educational Psychology	CP-130	Child Development & Educational Psychology	.25
3. Schools and the Teaching Profession			
	Course Number	Course Title	Semester Hours
a. Consultation and Collaboration	DEC-111	Knowing Students, Families, and Schools	.25
	CE-151	Residency Practicum	5.25
b. Legal/Ethical Aspects of Teaching	DEC-112	Becoming a Middle School Teacher	.17
c. Middle School Philosophy and Organization	DEC-112	Becoming a Middle School Teacher	.17
4. Middle School Literacy (Minimum of 6 semester hours)			
	Course Number	Course Title	Semester Hours
a. Reading and Writing in the Content Area	CK-142	Literacy Instruction I, Middle Grades Literacy	.25
	CK-143	Literacy Instruction II, Intermediate Writing	.67
	CE-151	Residency Practicum	5.25
	CE-152	Advanced Clinical Experience, Student Teaching	6.30
	b. Instructional Interventions for Students with Reading Deficits	CP-135	Differentiated Instruction
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			
f. Science	Candidate must: <ul style="list-style-type: none"> • Hold a Baccalaureate Degree in the content area or a closely related field; or • Obtain a passing score on the designated Missouri Content Assessment (MoCA). 		
g. Social Science			
h. Speech/Theatre			
Professional Requirements – Total Semester Hours			47.0

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)	CE-151	Residency Practicum	1.05
2. Mid-Level Field Experiences (Minimum of 1 semester hour with a minimum of 45 clock hours)	CE-151	Residency Practicum	1.05
3. Culminating Clinical Experiences (Minimum of 8 semester hours with a minimum of 12 weeks in one placement)	CE-152	Advanced Clinical Experience, Student Teaching	8.40
Field and Clinical Experiences – Total Semester Hours			10.50

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