



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

**MIDDLE SCHOOL SCIENCE, GRADES 5-9**

EDUCATOR PREPARATION PROGRAM NAME <b>PARK UNIVERSITY</b>	EDUCATOR PREPARATION PROGRAM CODE <b>511931</b>
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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](mailto: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](mailto: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	EDU 351	Strategies for Higher-Order Learning	1.5
b. Instructional Strategies and Techniques in Content Area Specialty	EDM 395C	Methodology in the Content Area (Science)	3.0
c. Assessment, Student Data, and Data-Based Decision-Making	EDU 362	Observation, Assessment & Data-based Decision Making	3.0
d. Strategies for Content Literacy	EDM 358 EDU 384	Reading & Writing in the Content Area Meeting Literacy Needs of All Learners	1.5 1.5
e. Critical Thinking and Problem Solving	EDU 351	Strategies for Higher-Order Learning	1.5
f. English Language Learning	EDU 345	Teaching Linguistically and Culturally Diverse Learners	2.5

**2. Individual Student Needs**

	Course Number	Course Title	Semester Hours
a. Psychological Development of the Child and Adolescent	PS 125	Lifespan Development	1.5
b. Psychology/Education of the Exceptional Child	EDU 375	Exceptional Children & Differentiated Learning	1.5
c. Differentiated Learning	EDU 375	Exceptional Children & Differentiated Learning	1.5
d. Classroom Management	EDM 352	Building an Effective, Equitable Learning Environment	2.0
e. Cultural Diversity	EDU 345 EDU 310	Teaching Linguistically and Culturally Diverse Learners Issues in Diversity & World Cultures	0.5 3.0
f. Educational Psychology	EDU 203	Educational Psychology	1.5

**3. Schools and the Teaching Profession**

	Course Number	Course Title	Semester Hours
a. Consultation and Collaboration	EDU 347	Family, School and Community Collaboration	3.0
b. Legal/Ethical Aspects of Teaching	EDU 210	The School as a Social System	3.0
c. Middle School Philosophy and Organization	EDM 352	Building an Effective, Equitable Learning Environment	1.0

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4. Middle School Literacy (Minimum of 6 semester hours)			
	Course Number	Course Title	Semester Hours
a. Reading and Writing in the Content Area	EDU 300 EDM 358	Writing in Education Reading and Writing in the Content Area	3.0 1.5
b. Instructional Interventions for Students with Reading Deficits	EDU 384	Meeting Literacy Needs in All Learners	1.5
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	CH 107 w/lab BIO 221 w/lab BIO 225 w/lab GO 130 w/lab GO 141 w/lab PY 155 w/lab	General Chemistry I w/lab Zoology w/lab Botany w/lab Astronomy w/lab Physical Geology w/lab Concepts of Physics I w/lab	4.0 4.0 4.0 4.0 4.0 4.0
g. Social Science			
h. Speech/Theatre			
<b>Professional Requirements - Total Semester Hours</b>			<b>63</b>
B. Field and Clinical Experiences (Minimum of 10 semester hours)			
	Course Number	Course Title	Semester Hours
1. Early Field Experiences (Minimum of one semester hour with a minimum of 30 clock hours)	EDM 360A	Field Experience I	2
2. Mid-Level Field Experiences (Minimum of one semester hour with a minimum of 45 clock hours)	EDM 360B	Field Experience II	2
3. Culminating Clinical Experiences (Minimum of eight semester hours with a minimum of 12 weeks in one placement)	EDM 410	Field Experience III	12
<b>Field and Clinical Experiences - Total Semester Hours</b>			<b>16</b>