



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

MIDDLE SCHOOL EDUCATION SCIENCE, GRADES 5-9

EDUCATOR PREPARATION PROGRAM NAME Culver-Stockton College	EDUCATOR PREPARATION PROGRAM CODE 018750
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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 45 semester hours)

1. Content Planning and Delivery

	Course Number	Course Title	Semester Hours
a. Curriculum and Instructional Planning	EDU 360	Middle School Curriculum	3
b. Instructional Strategies and Techniques in Content Area Specialty	EDU 312 OR EDU 402	Methods of Teaching Science in Elem Methods in Secondary Science	3 OR 2
c. Assessment, Student Data, and Data-Based Decision-Making	EDU 404	Tests and Measurements	2
d. Strategies for Content Literacy	EDU 335	Content Literacy	*
e. Critical Thinking and Problem Solving	EDU 335	Content Literacy	*
f. English Language Learning	EDU 319/419 EDU 325	Literacy Diagnosis and Remediation Psychology and Education of Exceptional Children	* *

2. Individual Student Needs

	Course Number	Course Title	Semester Hours
a. Psychological Development of the Child and Adolescent	EDU 201 or PSY 301	Edu Needs for Child and Adolescent Dev Child and Adolescent Development	3 *
b. Psychology/Education of the Exceptional Child	EDU 325	Psych and Edu of Exceptional Children	3
c. Differentiated Learning	EDU 335 EDU 325	Content Literacy Psych and Edu of Exceptional Children	* *
d. Classroom Management	EDU 420	Classroom Organization and Management	3

c. Technology and Engineering			
d. Language Arts			
e. Mathematics			
f. Science	BIO 205 OR BIO 201 NAS 204 Choose 17 hours from: BIO 110 NAS 200 CHE 112 BIO 111 BIO 112 BIO 202 BIO 206 BIO 210 BIO 260 BIO 309 BIO 402 NAS 108 NAS 201 NAS 202 NAS 203 NAS 305 NAS 310 NAS 405 PHY 201 CHE 125 CHE 251	General Botany OR General Biology I Geology Molecules and Cells (3) Astronomy (3) Introduction to Chemistry (3) Biology: Unity and Diversity of Life (3) How the Body Works (3) General Biology II General Zoology (4) Human Anatomy and Physiology I (4) Microbiology (4) General Physiology (4) Ecology (4) Intro to Environmental Science (3) Explorations in Physical Science (3) Meteorology (3) Life in the Universe (4) The Solar System (4) Climatology (4) History and Philosophy of Science (3) General Physics I (4) Chemistry for the Life Sciences (4) General Chemistry I (4)	4 3 17
g. Social Science			
h. Speech/Theatre			
Professional Requirements - Total Semester Hours			55 OR 56
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)	EDU 249	Sophomore Early Field Experience	1
2. Mid-Level Field Experiences (Minimum of 1 semester hour with a minimum of 45 clock hours)	EDU 349	Junior Early Field Experience	1
3. Culminating Clinical Experiences (Minimum of 8 semester hours with a minimum of 12 weeks in 1 placement)	EDU 401/405	Student Teaching	12
Field and Clinical Experiences - Total Semester Hours			14

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