



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

EDUCATOR PREPARATION PROGRAM NAME <b>WILLIAM WOODS UNIVERSITY</b>	EDUCATOR PREPARATION PROGRAM CODE <b>511106</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 211 EDU 314 EDU 318 or 319  EDU 393  EDU 441	Educational Technology Middle School Curriculum and Philosophy, Integrated Curriculum II or Teaching Science in the Elementary and Middle School Teaching Elementary Reading or Teaching Reading and Writing Analysis and Correction or Student Centered Reading and Writing,	3
b. Instructional Strategies and Techniques in Content Area Specialty	EDU 291  EDU 318 or EDU 319 EDU 393  EDU 441  EDU 492	Pre Student Teaching 1 or Beginning Clinical Experience Integrated Curriculum 2 or Teaching Science in Elementary and Middle School Teaching Elementary Reading or Methods of Teaching Reading and Writing, Analysis and Correction or Student Centered Reading and Writing Instruction Educational Seminar	4
c. Assessment, Student Data, and Data-Based Decision-Making	EDU 422	Measurement and Evaluation	3
d. Strategies for Content Literacy	EDU 392	Reading in the Content Area or Reading and Writing in the Content Area	3
e. Critical Thinking and Problem Solving	EDU 211, EDU 291,  EDU 292 or EDU 395 EDU 392	Educational Technology, Pre Student Teaching 1 or Beginning Clinical Experience, Pre Student Teaching 2 or Intermediate Clinical Experience, Reading in the Content Area or Reading and Writing in the Content Area	3
f. English Language Learning	EDU 201 EDU 292 or EDU 395 EDU 392	Multicultural Education, Pre Student Teaching 2 or Intermediate Clinical Experience, Reading in the Content Area or Reading and Writing in the Content Area	2

2. Individual Student Needs

	Course Number	Course Title	Semester Hours
a. Psychological Development of the Child and Adolescent	PSY 226 or PSY 209 and PSY 316	Child and Adolescent Psychology or Child Development and Adolescent Psychology	3/6
b. Psychology/Education of the Exceptional Child	EDU 231	Exceptional Child	3

c. Differentiated Learning	EDU 291 EDU 292 or EDU 395, EDU 392 EDU 393 EDU 441	Pre Student Teaching 1 or Beginning Clinical Experience, Pre Student Teaching 2 or Intermediate Clinical Experience, Reading in the Content Area or Reading and Writing in the Content Area, Teaching Elementary Reading or Teaching Reading and Writing, Analysis and Correction or Student Centered Reading and Writing Instruction	3
d. Classroom Management	EDU 453	Classroom Management	3
e. Cultural Diversity	EDU 201 EDU 292 or EDU 395 EDU 492	Multicultural Education Pre Student Teaching 2 or Intermediate Clinical Experience Educational Seminar	3
f. Educational Psychology	PSY 221	Educational Psychology	3
<b>3. Schools and the Teaching Profession</b>			
	<b>Course Number</b>	<b>Course Title</b>	<b>Semester Hours</b>
a. Consultation and Collaboration	EDU 291 EDU 392 EDU 393 EDU 422 EDU 492	Pre Student Teaching 1 or Beginning Clinical Experience Reading in the Content Area or Reading and Writing in the Content Area, Teaching Elementary Reading or Teaching Reading and Writing, Measurement and Assessment, Educational Seminar	3
b. Legal/Ethical Aspects of Teaching	EDU 250, EDU 291, EDU 492	Foundations of Education, Pre Student Teaching 1 or Beginning Clinical Experience, Educational Seminar	2
c. Middle School Philosophy and Organization	EDU 311	Middle School Philosophy and Organization	3
<b>4. Middle School Literacy (Minimum of six semester hours)</b>			
	<b>Course Number</b>	<b>Course Title</b>	<b>Semester Hours</b>
a. Reading and Writing in the Content Area	EDU 392	Reading in the Content Area or Reading and Writing in the Content Area	3
b. Instructional Interventions for Students with Reading Deficits	EDU 441	Analysis and Correction or Student Centered Reading and Writing Instruction	3
<b>5. Content Knowledge for Teaching (Minimum of 24 semester hours with appropriate distribution in one of the following certificate subject areas)</b>			
	<b>Course Number</b>	<b>Course Title</b>	<b>Semester Hours</b>
a. Agricultural Education			
b. Business Education			
c. Technology and Engineering			
d. Language Arts			
e. Mathematics			
f. Science	BIO 114/115 BIO 124/125 BIO 209 CHM 114/115 CHM 124/125 PHY 201/202 SCI 230	General Biology 1 General Biology 2 Environmental Science General Chemistry 1 General Chemistry 2 Physics 1 Earth Science	4 4 3 4 4 4 3
g. Social Science			
h. Speech/Theatre			
<b>Professional Requirements - Total Semester Hours</b>			<b>78</b>
<b>B. Field and Clinical Experiences (Minimum of ten semester hours)</b>			
	<b>Course Number</b>	<b>Course Title</b>	<b>Semester Hours</b>
1. Early Field Experiences (Minimum of one semester hour with a minimum of 30 clock hours)	EDU 291	Pre Student Teaching 1 or Beginning Clinical Experience	1/2
2. Mid-Level Field Experiences (Minimum of one semester hour with a minimum of 45 clock hours)	EDU 292 or EDU 395	Pre Student Teaching 2 or Intermediate Clinical Experience	2/3
3. Culminating Clinical Experiences (Minimum of eight semester hours with a minimum of 12 weeks in one placement)	EDU 495 EDU 492	Supervised Teaching (Middle Level); Educational Seminar	12
<b>Field and Clinical Experiences - Total Semester Hours</b>			<b>14/17</b>

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