



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

EDUCATOR PREPARATION PROGRAM NAME <b>Western Governors University</b>	EDUCATOR PREPARATION PROGRAM CODE <b>350714</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	NHC1	Introduction to Instructional Planning and Presentation	2 of 3
b. Instructional Strategies and Techniques in Content Area Specialty	C896	Science Methods	2 of 4
	C369	Instructional Planning and Presentation in Science	1 of 3
c. Assessment, Student Data, and Data-Based Decision-Making	DRC1	Educational Assessment	3 of 3
d. Strategies for Content Literacy	C728	Secondary Disciplinary Literacy	1 of 3
e. Critical Thinking and Problem Solving	C369	Instructional Planning and Presentation for Science	.5 of 3
	C937	Preclinical Experiences in Science	1 of 3
	C896	Science Methods	1 of 4
f. English Language Learning	C847	Fundamentals of Diversity, Inclusion, and Exceptional Learners	.5 of 4

2. Individual Student Needs

	Course Number	Course Title	Semester Hours
a. Psychological Development of the Child and Adolescent	C217	Human Growth and Development	3 of 3
b. Psychology/Education of the Exceptional Child	C847	Fundamentals of Diversity, Inclusion, and Exceptional Learners	1.5 of 4
c. Differentiated Learning	C847	Fundamentals of Diversity, Inclusion, and Exceptional Learners	.5 of 4
	C369	Instructional Planning and Presentation in Science	.5 of 3
	C341	Cohort Seminar	1.5 of 3
d. Classroom Management	C572	Classroom Management, Engagement, and Motivation	3 of 4

e. Cultural Diversity	C369	Instructional Planning and Presentation in Science	.5 of 3
	C272	Foundational Perspectives of Education	1 of 3
	C847	Fundamentals of Diversity, Inclusion, and Exceptional Learners	.25 of 4
f. Educational Psychology	C913	Psychology for Educators	3 of 4
<b>3. Schools and the Teaching Profession</b>			
	<b>Course Number</b>	<b>Course Title</b>	<b>Semester Hours</b>
a. Consultation and Collaboration	NHC1	Introduction to Instructional Planning and Presentation	1 of 3
	C369	Instructional Planning and Presentation in Science	.5 of 3
	C847	Fundamentals of Diversity, Inclusion, and Exceptional Learners	.25 of 4
	C341	Cohort Seminar	1.5 of 3
b. Legal/Ethical Aspects of Teaching	C272	Foundational Perspectives of Education	2 of 3
c. Middle School Philosophy and Organization	C965	Teaching in the Middle School	2 of 2
	C902	Middle School Science: Content Knowledge	2 of 2

<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	C728	Secondary Disciplinary Literacy	3 of 3
b. Instructional Interventions for Students with Reading Deficits	C730	Secondary Reading Instruction & Interventions	3 of 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	C371	Concepts in Science	2 of 2
	C832	Chemistry with Lab	4 of 4
	C190	Intro to Biology	3 of 3
	RNT1	General Physics	5 of 5
	C165	Integrated Physical Science	3 of 3
	C683	Natural Science Lab	2 of 2
	C894	Astronomy	3 of 3
	C890	Ecology and Environmental Science	3 of 3
	C925	Earth: Inside and Out	4 of 4
	C652	Heredity and Genetics	3 of 3
	C388	Science, Technology, & Society	5 of 5
g. Social Science			
h. Speech/Theatre			
<b>Professional Requirements (45)- Total Semester Hours</b>			<b>79</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)	C913 AND C847  AND C572	Psychology for Educators AND Fundamentals of Diversity, Inclusion & Exceptional Learners AND Classroom Management, Engagement & Motivation Total – 30 hours	1 of 4 AND 1 of 4  AND 1 of 4
2. Mid-Level Field Experiences (Minimum of one semester hour with a minimum of 45 clock hours)	C937	Pre-Clinical Experiences in Science (75 hours)	2 of 3
3. Culminating Clinical Experiences (Minimum of eight semester hours with a minimum of 12 weeks in one placement)	C319 C320 C321 C322	Supervised Demonstration Teaching in Science, Observations 1 and 2 Supervised Demonstration Teaching in Science, Observation 3 and Midterm Supervised Demonstration Teaching in Science, Observations 4 and 5 Supervised Demonstration Teaching in Science, Observation 6 and Final	3 of 3 3 of 3 3 of 3 3 of 3
<b>Field and Clinical Experiences - Total Semester Hours</b>			<b>17</b>

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Note: Candidates pursuing a BA degree are required to complete general education components.

Note: Candidates are also required to complete the following for licensure recommendation:

C762 OR C346 Teacher Performance Assessment in Science (For MO, the MoPTA)

C348 or PCT1 Professional Portfolio