



MIDDLE SCHOOL EDUCATION GENERAL SCIENCE, GRADES 5-9

EDUCATOR PREPARATION PROGRAM NAME WEBSTER UNIVERSITY	EDUCATOR PREPARATION PROGRAM CODE 300335
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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	SOCS 5760 OR COMM 5187	Middle School Curriculum & Instruction OR Secondary Techniques & Curriculum	1
b. Instructional Strategies and Techniques in Content Area Specialty	EDUC 4585	Methods of Teaching Middle School Science	3
c. Assessment, Student Data, and Data-Based Decision-Making	CMAT 5015	Differentiated Instruction & Assessment	.75
d. Strategies for Content Literacy	SOCS 5760 OR COMM 5187 COMM 5920	Middle School Curriculum & Instruction OR Secondary Techniques & Curriculum Reading & Writing in the Content Fields	1
e. Critical Thinking and Problem Solving	SOCS 5760 OR COMM 5187	Middle School Curriculum & Instruction OR Secondary Techniques & Curriculum	1
f. English Language Learning	CMAT 5015	Differentiated Instruction & Assessment	.75
2. Individual Student Needs			
	Course Number	Course Title	Semester Hours
a. Psychological Development of the Child and Adolescent	CMAT 5505 or EPSY 5505	Psychological Foundations of Education or Applied Developmental and Educational Psychology	2
b. Psychology/Education of the Exceptional Child	SPED 5860	Psychology of the Exceptional Student	3
c. Differentiated Learning	CMAT 5015	Differentiated Instruction & Assessment	.75
d. Classroom Management	CMAT 5170 OR EPSY 5170	Classroom & Behavior Management OR Behavioral Management	3
e. Cultural Diversity	CMAT 5000	Teaching in a Diverse Society	1
f. Educational Psychology	CMAT 5505 or EPSY 5505	Psychological Foundations of Education OR Applied Developmental and Educational Psychology	1
3. Schools and the Teaching Profession			
	Course Number	Course Title	Semester Hours
a. Consultation and Collaboration	CMAT 5015	Differentiated Instruction & Assessment	.75
b. Legal/Ethical Aspects of Teaching	CMAT 5000	Teaching in a Diverse Society	1
c. Middle School Philosophy and Organization	SOCS 5700	Middle School History & Philosophy	3

4. Middle School Literacy (Minimum of six semester hours)			
	Course Number	Course Title	Semester Hours
a. Reading and Writing in the Content Area	COMM 5920 COMM 5199	Reading & Writing in the Content Fields Teaching Writing	2 3
b. Instructional Interventions for Students with Reading Deficits	COMM 5905	Reading Assessments & Interventions Gr 6-12	3
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. Science	BIOL 1010 OR BIOL 1020/10211 AND BIOL 1030/1031 or BIOL 1550/1551 OR BIOL 1560/1561 CHEM 1050 OR CHEM 1100/1101 OR CHEM 1110/1111 PHYS 1710/17111 OR SCIN 1400/1401 SCIN 1470/1471 SCIN 1510 OR SCIN 2530	24 HOURS of SCIENCE CONTENT COURSES WILL BE DETERMINED BY REVIEW of TRANSCRIPTS. This is example of courses from Webster University Human Biology OR Biology of Animals / lab AND Biology of Plants/lab OR Essentials of Biology I/lab Essentials of Biology II/lab Concepts in Chemistry OR General Chemistry I/lab OR General Chemistry II/lab College Physics I/lab OR Physics for Poets Earth and Universe/lab Global Climate Change OR Global Ecologies & Sustainable Living	24
Professional Requirements - Total Semester Hours			56
B. Field and Clinical Experiences (Minimum of ten semester hours)			
	Course Number	Course Title	Semester Hours
1. Early Field Experiences (Minimum of one semester hour with a minimum of 30 clock hours)	CMAT 5000	Teaching in a Diverse Society	1
2. Mid-Level Field Experiences (Minimum of one semester hour with a minimum of 45 clock hours)	CMAT 5102	Practicum: Middle School Science	3
3. Culminating Clinical Experiences (Minimum of eight semester hours with a minimum of 12 weeks in one placement)	CMAT 5202	Apprentice Teaching: Middle School Science	9
Field and Clinical Experiences - Total Semester Hours			13

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REV 9/28/2017