



MIDDLE SCHOOL EDUCATION, GRADES 5-9 – POST-BACCALAUREATE

EDUCATOR PREPARATION PROGRAM NAME UNIVERSITY OF CENTRAL MISSOURI	EDUCATOR PREPARATION PROGRAM CODE 121121
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INSTRUCTIONS

Please complete Educator Preparation Program (EPP) Name & EPP Code above. The EPP Code may be located at <https://dese.mo.gov/sites/default/files/EPP-Code-Name.pdf>

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	EDFL 2100 EDFL 5130	Introduction to the Teaching Profession Middle School Foundations	0.5 OR 0.5
	EDFL/MLED 4135 EDFL 5300	Middle Level Curriculum & Assessment Advanced Assessment & Evaluation	1.0 OR 1.0
	EDFL/MLED 4340 EDFL 5440	The Engaging Middle Level Classroom Middle School Curriculum and Instruction	1.5 OR 1.5
b. Instructional Strategies and Techniques in Content Area Specialty	BTE 4210	Select one content area methods course: Methods of Teaching Business & Marketing Educ	2.0-3.0
	EDFL 4235 ENGL 4890	Methods of Tchg Middle Level Engl Language Arts OR Methods of Teaching English	
	MATH 3840	Strategies for Teaching Middle School Math	
	SOSC 4074	Methods of Teaching Social Studies/Social Studies Methods	
	STCH 4050	Science Teaching Methods	
	CTE 4160	Methods of Teaching Career and Technical Ed	
	THEA 4984	Methods of Teaching Speech & Theater (2)	
c. Assessment, Student Data, and Data-Based Decision-Making	EDFL 2100 EDFL 5130	Introduction to the Teaching Profession Middle School Foundations	1.0 OR 1.0
	EDFL/MLED 4135 EDFL 4300 EDFL 5300	Middle Level Curriculum & Assessment Educational Measurement and Evaluation Advanced Assessment & Evaluation	1.0 OR 2.0 OR 1.5
	d. Strategies for Content Literacy	EDFL 3240	Application of Content Area Literacy for Middle Level Learners, Block Two
EDFL 5208		Content Area Literacy	1.0
e. Critical Thinking and Problem Solving	EDFL 2250	Intro to ELL and Culturally Responsive Pedagogy	0.5
	EDFL/MLED 4135 EDFL 5440	Middle Level Curriculum & Assessment Middle School Curriculum and Instruction	0.5 OR 0.5
f. English Language Learning	EDFL 2250	Intro to ELL and Culturally Responsive Pedagogy	0.5

	MATH 1620	Contemporary Mathematics/Introduction to Geometry and Decision Making for Educators	3
	MATH 1820	Intro to Mathematical Modeling/Introduction to Number and Operations for Educators	3
	MATH 2153	Calculus & Analytic Geometry III	3
	MATH 2221	Foundations of Geometry	3
	MATH 2410	Discrete Mathematics	3
	MATH 2821	Elements of Algebra	3
	MATH 2822	Elements of Geometry	3
	*MATH 2823	Introduction to Infinite Processes	5
	MATH 2824	Infinite Processes 1	3
	MATH 2825	Infinite Processes 2	2
	MATH 2861	Adv. Perspectives on HS Math	3
	MATH 2862	Advanced Perspective on Secondary Geometry & Trigonometry	3
	MATH 3151	Differential Equations	3
	MATH 3221	College Geometry	3
	MATH 3311	Statistics I	3
	MATH 3710	Linear Algebra	3
	MATH 3800	Intro Tchg Elem and Middle School Math	3
	MATH 3802	Concepts & Methods Middle School Math	2
	MATH 4150	Advanced Calculus I	3
	MATH 4171	Functions of a Complex Variable	3
	MATH 4233	The Scientific, Historical, & Sociological Impact of Mathematics	3
	MATH 4400	Combinatorics	3
	MATH 4450	Introduction to Graph Theory	3
	MATH 4710	Algebraic Structures	3
	MATH 4711	Modern Algebra I	3
	MATH 4741	Intro. to Theory of Numbers	3
	MATH 4851	Probability & Stats MS/HS Math	3
f. Science		24 hours representing each of the following areas: BIOL, CHEM, EASC, and PHYS	
	BIOL 1003	Intro to the Sciences: Ecology (w/Lab) OR	4
	BIOL 1004	Intro to the Sciences: Ecology	3
	BIOL 1005	Intro to Environmental Science	3
	BIOL 1006	Environmental Science/Ecology Lab	1
	BIOL 1110	Principles of Biology	3
	BIOL 1111	Plant Biology	4
	BIOL 1112	Animal Biology	4
	BIOL 2010	Human Biology	3
	BIOL 2020	General Ecology	3
	BIOL 2510	Basic Genetics	3
	BIOL 2512	Cell Biology	3
	BIOL 3401	Human Anatomy	3
	BIOL 3511	Genetics	4
	CHEM 1103	Intro to the Sciences: Chemistry	3
	CHEM 1104	Intro to the Sciences: Chemistry (w/Lab)	4
	CHEM 1131	General Chemistry I	5
	CHEM 1132	General Chemistry II	5
	CHEM 1604	Elem. Organic & Biochemistry	4
	EASC 1004	Intro to Geology OR	4
	EASC 1114	Weather and Climate	4
	EASC 2200	Historical Geology	3
	EASC 3010	Environmental Geology	3
	EASC 3112	Astronomy	3
	*ECEL 1310	Physics for Teachers	3
	*ECEL 1320	Biology for Teachers	3
	ECEL 2610	Life and Earth Science for Teachers	3
	ECEL 2620	Physical Science and Engineering Design for Teachers	4
	GEOG 1114	Weather & Climate	3
	PHYS 1101	College Physics I	4
	PHYS 1102	College Physics II	4
	PHYS 1104	Intro to the Sciences: Physics (w/Lab)	4
	PHYS 1123	Elementary Physics Lab I	1
	PHYS 1124	Elementary Physics Lab II	1
	PHYS 2121	University Physics I	5
	PHYS 2122	University Physics II	5
	PHYS 2123	University Physics	4
	PHYS 2124	University Physics II	4
	STCH 1003	Great Concepts in Science	4
	STCH 3020	Science and Engineering Practices	3
g. Social Science		24 Hours from the following evenly distributed representing each of the following: ECON, GEOG, HIST, and POLS	
	ANTH 1810	Human Prehistory	3

3. Culminating Clinical Experiences (Minimum of eight semester hours with a minimum of 12 weeks in one placement)	EDFL 5100 FLDX 4497 FLDX 4498 FLDX 4497 FLDX 4498	Internship AND Student Teaching Middle School I OR Student Teaching Middle School II Student Teaching Middle School I Student Teaching Middle School II	3.0 AND 5.0 OR 5.0 OR 4.0 AND 4.0
Field and Clinical Experiences - Total Semester Hours			10.0

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