

MIDDLE SCHOOL MATH GRADES 5th - 9th

Education Advisement Center (417) 836-5429

Excluding the FOUNDATIONS area, students may count no more than 3 classes with the same course code toward the general education requirement.

Effective fall 2021 - spring 2022

GENERAL EDUCATION (46)				
I. FOUNDATIONS (14)				
GEC 101	GEP 101 or UHC 110	2		
GEC 103	COM 115	3		C
GEC 102	ENG 110	3		
GEC 105	ENG 210	3		
GEC 104	MTH 130 (required) **MTH	3		C
II. BREADTH OF KNOWLEDGE				
A. Natural World (8)				
GEC 106	BIO 100	4		
GEC 108	PHY 101	4		
B. Human Cultures (12) - 4 different course codes				
1. Social & Behavioral Science (6)				
GEC 110	PSY 121	3		
GEC 110	AGR 100	Choose one	3	
	ANT 125			
	CFD 155/163			
	CRM 220			
	ECO 155/165			
	GRY 108			
	MED 120			
	REL 131			
SOC 150				
2. Humanities (3)				
GEC 111	AAS 100	Choose one	3	
	ART 271/272/273/274			
	ENG 200/282/283			
	HST 103/104			
	LLT 121			
	MED 274			
	MUS 241			
	PHI 110			
	REL 101/102			
3. The Arts (3)				
GEC 112	ART 200	Choose one	3	
	DAN 180			
	ENG 203/205/215			
	MUS 239			
	THE 101			
C. Public Affairs (12) - 4 different course codes				
1. US & MO Const./Am Hist (6)				
GEC 113	HST 121 or HST 122	3		
GEC 114	PLS 101	3		
2. Cultural Competence (3)				
GEC 115	ANT 100	Choose one	3	
	COM 260			
	ENG 289			
	GRY 100			
	IDS 297			
	LLT 180			
	MCL 200			
	MTH 121			
	REL 100/210			
	SWK 219			
117 Program Hours + 3 elective hours = 120 Total Hours				

GENERAL EDUCATION (cont.)				
3. Public Issues (3)				
GEC 116	ITC 200	Choose one	3	
	CRM 210			
	CSC 210			
	ECO 101			
	EDC 249			
	ENG 201/222			
	GEO 200			
	KIN 210./286			
	PHI 105/115			
	PLN 100			
SOC 152				
MATHEMATICS CONTENT (21) - 24 total credits (MUST maintain 3.00 GPA in Math content area)				
Must Take:				
	MTH 134 (or MTH136 or MTH137 or MTH138) **MTH	3		
	MTH 320 **MTH	3		
	MTH 360 **MTH	3		
	MTH 343 **MTH (fall only)	3		
	MTH 377 (spring only) **MTH	3		
	MTH 479 (fall only) **MTH	3		
	MTH 478 (spring only) **MTH	3		
PROFESSIONAL EDUCATION (49) (Must maintain a 3.00 GPA in professional eds)				
Foundations of Teaching (20)				
	EDC150 (Only for transfer students seeking PEU015 credit)	0		P
	SEC302	3		C
	PSY 360	3		C
	EDT 365	3		C
	EDC 345	3		C
	SPE 340	2		C
	*EDC 350	3		C
	*SFR 486	3		C
Teaching Methods (17)				
	^MID 400	3		C
	^*MID 425	2		C
	^*MID 439	3		C
	EDT 520	1		C
	^*RDG 474	3		C
	*RDG 574	3		C
	^*MTH 409 (spring only)	3		C
Student Teaching (12)				
	^*MID 493 (6) and ^*MID 494 (6)	12		C
Additional Electives to meet MSU's 120 total credit hour requirement				
		3		

^Observation or practical experience included

* Requires admit to T.E.

**Course grade calculated in content GPA

Meet requirements to complete the "International Perspectives in K-12 Special Education" Undergraduate Certificate upon completion of: SPE340/000, GEC115 option, EDC345 & SPE540 (Study Away in Mexico) Updated: 9/21/2021

Missouri State

COLLEGE OF EDUCATION Middle School Math Education BSED (5th-9th Grades) *Suggested* Course Sequencing

(All statements in this document concerning requirements, prerequisites, conditions or other matters are for informational purposes and are **subject to change**. Effective academic advisement is a **partnership**, with advisees sharing in the responsibility.)

<u>Semester 1</u>	<u>Hours</u>	<u>Semester 2</u>	<u>Hours</u>
GEP 101 or UHC 110 First Year Foundations	2	MTH 320 Foundations of Math for Teachers	3
MTH 130 Contemporary Math	3	MTH 134 Algebraic Reasoning/Modeling	3
COM 115 Public Speaking	3	ENG 110 Writing I	3
PSY 121 Intro to Psychology	3	PHY 101 Physics by Inquiry for Educators	4
BIO 100 Biological Science for Educators	4	PLS 101 American Democracy & Citizenship	3
	15		16
<u>Semester 3</u>		<u>Semester 4</u>	
^SEC 302 Methods of Instruction in Mid & Secondary	3	MTH 377 Mathematical Processes (spring only)	3
MTH 360 Foundations of Geometry for Teachers	3	PSY 360 Educational Psychology	3
MTH 343 Found. of Prob. & Stats. for Teachers (fall only)	3	GEC 111 Human Cultures Humanities option	3
EDC 345 Intro to Multicultural Ed & Diversity	3	GEC 115 Public Affairs- Cultural Competence option	3
ENG 210 Writing II	3	HST 121 or 122 Survey of History of U.S.	3
	15		15
<u>Semester 5</u>		<u>Semester 6</u>	
EDC150 (ONLY transfer students seeking PEU015 credit)	0	^*MID 425 Middle School Curriculum	2
^MID 400 Phil., Curr., & Organ. Of Middle Ed	3	EDT 520 Technologies in a Contemporary School Setting	1
SPE 340 Ed. Alternative for Exceptional Students	2	^*MTH 409 Teach. & Learn. of Math. I (spring only)	3
^*RDG 474 Reading & Writing in Content Fields	3	^*MTH 478 Math Modeling for Teaching	3
GEC 112 Human Cultures- The Arts	3	*EDC 350 School and Society	3
EDT 365 Educational Application of Tech & Media	3	*RDG 574 Analysis/Correction Literacy	3
GEC 110 Human Cult. - Social & Behavioral Sciences	3		3
	17		15
<u>Semester 7</u> (Take the MoCA)		<u>Semester 8</u>	
^*MID 439 Middle School Instructional Strategies	3	<i>Student teaching applications are due February 1 for those student teaching in the upcoming fall and August 1 if student teaching in the upcoming Spring semester.</i>	
MTH 479 Mathematical Tools & Structures (fall only)	3	^MID 493 Supervised Teaching	6
*SFR 486 Assess in the Middle & Secondary Classroom	3	^MID 494 Supervised Teaching	6
GEC 116 Public Affairs- Public Issues	3		
Elective	3		
	15		12

A 3.00 Math content GPA is required to student teach and for certification.

Bolded classes are strongly recommended to be completed as suggested to remain on a four year plan

*Asterisked classes indicate that admission to T.E. is required for enrollment.

^Carat symbol indicates classes with observation or practical experience included.

You are responsible for checking all prerequisites to courses!

Requirements for admission to **Teacher Education** include: Completion of 45+ credit hours, passing scores on ACT or MoGEA, COM 115 completed "C" or higher, SEC302 (PEU015) completed "C" or higher, a 2.75 GPA, completion of MOVECHS fingerprinting, signed Student Contract and signed Dispositions Checklist. When requirements are met, the EPPC will evaluate your credentials for admission to Teacher Education. There is no application to fill out.

Meet requirements to complete the "**International Perspectives in K-12 Special Education**" **Undergraduate Certificate** upon completion of: SPE310, GEC115 option, EDC345 & SPE540 (Study Away in Mexico)

Study Away Opportunities

EDC 345- Alabama
SPE 340- Mexico

