

### MIDDLE SCHOOL SCIENCE 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)					
<b>I. FOUNDATIONS (14)</b>					
		HR	Cr	IP	Need
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	3			C
<b>II. BREADTH OF KNOWLEDGE</b>					
<b>A. Natural World (8)</b>					
		HR	Cr	IP	Need
GEC 106	BIO 100 (required)**SCI	4			
GEC 108	PHY 101 (required) **SCI	4			
<b>B. Human Cultures (12) - 4 different course codes</b>					
<b>1. Social &amp; Behavioral Science (6)</b>					
		HR	Cr	IP	Need
GEC 110	PSY 121	3			
GEC 110	AGR 100	Choose one	3		
	ANT 125				
	CFD 155/163				
	CRM 220				
	ECO 155/165				
	GRY 108** SCI				
	MED 120				
	REL 131				
	SOC 150				
	<b>2. Humanities (3)</b>				
		HR	Cr	IP	Need
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				
	<b>3. The Arts (3)</b>				
		HR	Cr	IP	Need
GEC 112	ART 200	Choose one	3		
	DAN 180				
	ENG 203/205/215				
	MUS 239				
	THE 101				
<b>C. Public Affairs (12) -4 different course codes</b>					
<b>1. US &amp; MO Const./Am Hist (6)</b>					
		HR	Cr	IP	Need
GEC 113	HST 121 or HST 122	3			
GEC 114	PLS 101	3			
<b>2. Cultural Competence (3)</b>					
		HR	Cr	IP	Need
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				

GENERAL EDUCATION (cont.)					
<b>3. Public Issues (3)</b>					
		HR	Cr	IP	Need
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				

SCIENCE CONTENT (16) - 24 total credit					
(MUST maintain 3.00 GPA in Social Studies content courses)					
Must Take:		HR	Cr	IP	Need
	CHM 116 **SCI	4			
	CHM 117 **SCI	1			
	GRY 240 **SCI	4			
	BIO 205 **SCI	2			
	PHY 501 **SCI	2			
	GRY 108 **SCI	3			

PROFESSIONAL EDUCATION (50)					
(MUST maintain a 3.00 GPA in Professional Education courses)					
<b>Foundations of Teaching (20)</b>					
		HR	Cr	IP	Need
	EDC 150 (ONLY 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 (18)					
		HR	Cr	IP	Need
	^MID 400	3			C
	^*MID 425	2			C
	^*MID 439	3			C
	EDT 520	1			C
	^*RDG 474	3			C
	*RDG 574	3			C
	^*SCI 404 (Spring only)	3			C

Student Teaching (12)					
		HR	Cr	IP	Need
	*MID 493 (6) and *MID 494 (6)	12			C
Additional Electives to meet MSU's 120 total credit hour requirement		HR	Cr	IP	Need
		8			

- ^Observation or Practical Experience Included
- \* Requires admit to T.E.
- \*\*Course grade calculated in content GPA

**113 Program Hours + 8 elective hours = 120 Total Hours**

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 Science Education BSED (5<sup>th</sup>-9<sup>th</sup> 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>
<b>GEP 101 First Year Foundations</b>	2	<b>PHY 101 Physics by Inquiry for Educators</b>	4
<b>BIO 100 Biological Science for Educators</b>	4	ENG 110 Writing I	3
MTH 130 Contemporary Math	3	PLS 101 American Democracy & Citizenship	3
COM 115 Public Speaking	3	GRY108 Principles of Sustainability	3
PSY 121 Intro to Psychology	<u>3</u>	GEC 111 Human Cultures Humanities	<u>3</u>
	<b>15</b>		<b>16</b>
<u>Semester 3</u>		<u>Semester 4</u>	
<b>^SEC 302 Methods of Instruction in Mid &amp; Secondary</b>	3	<b>BIO 205 Life Science for Middle School (spring only)</b>	2
<b>CHM 116 Fundamentals of Chemistry</b>	4	<b>GRY 240 Earth Science for Teachers</b>	4
<b>CHM 117 Fundamentals of Chemistry</b>	1	<b>PSY 360 Educational Psychology</b>	3
EDC 345 Intro to Multicultural Ed & Diversity	3	GEC 115 Public Affairs- Cultural Competence	3
ENG 210 Writing II	3	HST 121 or 122 Survey of History of U.S.	<u>3</u>
GEC 112 Human Cultures- The Arts	<u>3</u>		<b>15</b>
	<b>17</b>		
<u>Semester 5</u>		<u>Semester 6</u>	
EDC 150 (ONLY transfer students seeking PEU015 credits)	0	<b>^*MID 425 Middle School Curriculum</b>	2
<b>^MID 400 Phil., Curr., &amp; Organ. Of Middle Ed</b>	3	<b>EDT 520 Technologies in a Contemporary School Setting</b>	1
<b>PHY 501 Physics &amp; Astronomy By Inquiry (Fall Only)</b>	2		3
<b>^*RDG 474 Reading &amp; Writing in Content Fields</b>	3	<b>^*SCI 404 Teach. of Mid. Sch. Natural Sci. (spring only)</b>	3
<b>GRY 108 Principles of Sustainability</b>	3	<b>*EDC 350 School and Society</b>	3
EDT 365 Educational Application of Tech & Media	3	<b>*RDG 574 Analysis/Correction Literacy</b>	<u>3</u>
Elective	<u>2</u>	Elective	<b>15</b>
	<b>16</b>		
<u>Semester 7</u> (Take the MoCA)		<u>Semester 8</u>	
<b>^*MID 439 Middle School Instructional Strategies</b>	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>	
SPE 340 Ed. Alternative for Exceptional Students	2	<b>^MID 493 Supervised Teaching</b>	6
<b>*SFR 486 Assess in the Middle &amp; Secondary Classroom</b>	3	<b>^MID 494 Supervised Teaching</b>	<u>6</u>
GEC 116 Public Affairs- Public Issues option	3		<b>12</b>
Elective	<u>3</u>		
	<b>14</b>		

**A 3.00 Science 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 score on the 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

