

Middle Grades Education Major/Middle Grades Science Minor Suggested Academic Plan

Use the Science Endorsement Course Checklist on the MSME Website for more information and guidance on course selection.

Year 1	Fall	Cr.	Spring	Cr.	Summer	Cr.
<i>Students must complete all Madison Foundations courses, PSYC 160, WRTC 103, and EDUC 200 by end of first year.</i>	ISCI 171/172/173 (C3PP/C3NS/C3L)	3	C2L	3	*Take ALEKS/Praxis Core Math	
	C3QR (recommend MATH 110)	3/4	EDUC 200	3	*Complete CPR/First Aid/AED	
	C1HC	3	C1CT	3		
	PSYC 160 (C5SD)	3	BS: Quant. Reasoning (rec. MATH 210)	3/4		
	WRTC 103 (C1W)	3	ISCI 171/172/173 (C3PP/C3NS/C3L)	3		
	*Attend TE meeting in November					
	Total Credits	15/16	Total Credits	15/16	Total Credits	
Year 2	Fall	Cr.	Spring	Cr.	Summer	Cr.
<i>Enrollment in MSSE 370 and MSSE 371 requires completion of admission requirements to the Teacher Education Program and must be completed no later than fall of junior year.</i>	C5WD	3	MSSE 370	3		
	MSSE 210	3	MSSE 371	1		
	LED 212 (fall only)	3	C2VPA	3		
	MIED 211 (fall only)	3	C4AE	4		
	ISCI 171/172/173 (C3PP/C3NS/C3L)	3	BIO 150	3		
			BIO 150L	1		
	*Be admitted to TE by 10/1.					
	Total Credits	15	Total Credits	15	Total Credits	
Year 3	Fall	Cr.	Spring	Cr.	Summer	Cr.
<i>MSSE 370, MSSE 371, and MSSE 210 must be completed before enrolling in MSSE 411, MSSE 415, MSSE 425, and LED 440.</i>	MSSE 414 (fall only)	3	CHEM 120 (spring only)	3	<i>*Passing score on Praxis SA required by August 15.</i>	
	MSSE 415	3	C4GE	3		
	LED 440	3	Elective	3		
	GEOL 211 (BS: Scientific Literacy)	3	Elective	3		
	MSSE 425	3	C2HQC	3		
	*Attend Student Teaching meeting.		*Attempt Praxis SA by 3/1.			
	Total Credits	15	Total Credits	15	Total Credits	
Year 4	Fall	Cr.	Spring	Cr.	Summer	Cr.
<i>No other courses (except for MSSE 403, if you wish) may be taken during the spring student teaching semester.</i>	MSSE 420 (fall only)	3	MSSE 450	2		
	MSSE 403	3	MSSE 465 (student teaching)	8		
	Elective	3	MSSE 455	3		
	IDLS 395 (Nature of Science)	3				
	Elective	3				
	*Apply to graduate undergrad.		*Graduate undergrad.		*Apply for teaching license.	
	Total Credits	15	Total Credits	13	Total Credits	

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Notes:

- The General Education area codes (C3PP, C2L, etc.) are used in this plan to minimize text. Please reference the General Education Planner found on the General Education website (www.jmu.edu/gened) for more information.
- Bolded classes should stay in the semester in which they are planned due to pre-requisites, co-requisites, or the term the course is offered. Talk with your Middle Grades Education major advisor if you think you need or would like to take a bolded course in a different semester.

This document is provided as an advising resource only. Official curriculum requirements are listed in the JMU Undergraduate Catalog and the JMU Graduate Catalog. In the case of discrepancies, the University Catalog is the official curriculum students must follow. This document was reviewed by the Middle, Secondary, and Mathematics Education Academic Unit Head on June 1, 2024.