

College of Education

Department of Middle, Secondary, and Mathematics Education

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<https://www.jmu.edu/coe/msme/>

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Program Checklist

Middle Grades Education Bachelor of Science Major
4-Year, Initial Teacher Licensure Program

Bachelor of Science in Middle Grades Education

Courses Required for Teacher Education Admission: Grade of "C" or higher required in each course

Requirement	Course	Course Title	Credits	Pre/Co-Requisites/Notes	Semester Offered
	EDUC 300 ¹	Foundations of American Education	3		FA/SP/SU
	PSYC 160 ¹	Life Span Human Development	3		FA/SP/SU
	WRTC 103	Critical Reading and Writing	3		FA/SP/SU

Bachelor of Science Coursework: Grades of "B-" or higher required in all courses unless otherwise indicated.

Requirement	Course	Course Title	Credits	Pre/Co-Requisites/Notes	Semester Offered
	EDUC 300 ¹	Foundations of American Education	3	Required for Teacher Education admission; grade of "C" or higher	FA/SP/SU
	EDUC 310	Teaching in a Diverse Society	3	1,2	FA/SP/SU
	EXED 200	Social Foundations of Exceptionalities	3	1	FA/SP/SU
	LED 312	Reading and Writing Across the Curriculum in the Middle Grades	3	C: MIED 311	FA
	MIED 311	Field Experience in Middle Education	1	C: LED 312	FA
	MSSE 240	Foundations of General Education, 6-12	3	1,3	SP
	MSSE 425	Assessment in Middle & Secondary Educ.	3	1,3,4	SP
Middle School Teaching Methods and Practicum	MSSE 470M	Mathematics Teaching Methods, Grades 6-8	3	1,3,4; C: MSSE 471M	FA/SP
	MSSE 471M	Field Experience in Middle School Math	1	1,3,4; C: MSSE 470M	FA/SP
	LED 440	Literacy-Based Learning in Secondary Educ.	3	1,3,4	FA/SP
Approved Elective			3	Approved by MIED advisor	
	MSSE 403	Classroom Management for Adolescents	3	1,3,4	FA/SP
	MSSE 460	Differentiation for Adolescents	3	1,3,4	FA/SP
	MSSE 450	Internship Seminar	2	1,3,4	SP
Student Teaching	MSSE 475	Internship in Middle and Secondary	8	1,3,4	SP
	MIED 489	Effective Practices in Middle Education	3	1,3,4	SP

¹Middle Grades Education major declared & approved

²Application to Teacher Education required

³Admission to Teacher Education required

⁴Completion of MSSE 240

Additional B.S. Degree Requirements (6 credits)

Requirement	Course	Course Name	Credits	Pre/Co-Requisites/Notes	Semester Offered
Scientific Literacy			3	Recom. Interim Sci. Course	FA/SP/SU
Quantitative Reasoning	MATH 108	Fundamentals of Mathematics II	3	P: "C-" or higher in MATH 107	FA/SP/SU

Mathematics for Middle Grades Teachers Minor Requirements

Requirement	Course	Course Title	Credits	Pre/Co-Requisites/Notes	Semester Offered
Option "A" recommended for all requirement categories.					
	MATH 107	Fundamentals of Mathematics I	3		
	MATH 108	Fundamentals of Mathematics II	3	P: "C-" or higher in MATH 107	
	MATH 135 <u>or</u> MATH 235	Elementary Functions <u>or</u> Calculus I	4	235: MPE	SP FA/SP/SU
	MATH 207	Fundamentals of Mathematics III	3	P: "C-" or higher in MATH 108	
Algebra (choose one)	A: MATH 304	Principles of Algebra	3	P: "C-" or higher in MATH 207	
	B: MATH 235	Calculus I	4	235: MPE	FA/SP/SU
	& MATH 245	Discrete Mathematics	3	245: MATH 236	
	& MATH 300	Linear Algebra	3	300: MATH 236	
Geometry	MATH 305	Principles of Geometry	3	P: "C-" or higher in MATH 207	
Analysis (choose one)	A: MATH 306	Principles of Analysis	3	P: "C-" or higher in MATH 207	
	B: MATH 235	Calculus I	4	235: MPE	FA/SP/SU
	& MATH 245	Discrete Mathematics	3	245: MATH 236	
Probability & Statistics (choose one)	MATH 307	Principles of Probability and Statistics	3	P: "C-" or higher in MATH 207	

The MSME Department recommends students meet with their advisor each semester to review program sequencing and determine possible substitute courses to meet program and license requirements.