



MOUNT ST. JOSEPH
UNIVERSITY

**Secondary Education Major with Adolescent/Young Adult Licensure (7th-12th Grades) –
Mathematics - Bachelor of Arts**

FIRST YEAR-SEMESTER #1	FIRST YEAR- SEMESTER #2	UNIVERSITY CORE
COM 100 Spoken Word 3	EDU 195 Educator Essentials for Professional Practice 3	COMMON GOOD
CORE 115 Common Ground 3	SOC 103 Our Social World 3	CORE 115 Common Ground Code COR
PSY 103 Intro to Psychology 3	MTH 193 Calculus I 4	Justice & the Common Good Code JCG
MTH 172 Mathematics for Early Childhood & Special Educators 3	ENG 101 Written Word 3	Ethics Code CE
MTH 187 Precalculus, Algebra & Trigonometry 4	Core history requirement 3	Experiential Learning Code EXP
		Core Capstone Code CCP
		HUMANITIES
		Speech (COM 100) Code C
		Writing (ENG 101) Code C
		Literature (ENG) Code CL
		Art or Music Code CAM
		History Code CH
		Religious Studies Code CR
		Philosophy Code CP
		SCIENCES
		Biology/Chemistry/Physics + Lab Code CN
		Mathematics Code CMA
		SOC 103 Our Social World Code CS
		Choose one discipline:
		ECO 212 Microeconomics Code CEP
		PSY 103 Psychology Code CEP
SECOND YEAR-SEMESTER #1	SECOND YEAR-SEMESTER #2	NOTES
AYA 345 Intro to Sec Education 3	EDU 207 Educational Psychology 3	120 credit hours minimum needed to graduate
SED 215 Human Exceptionalities 3	MTH 255 Linear Algebra OR	*Students must have a minimum cumulative GPA of 2.8 to qualify for admission to the School of Education. Students must have a minimum cumulative GPA of 2.8 to be eligible for Student Teaching. Students must follow the School of Education OAE Testing Policy adopted in July 2022.
SED 215S Service Learning 1	MTH 320 Probability & Statistics 3 or 4	**Curriculum Guide does not replace required advisement by a faculty member from the School of Education**
MTH 194 Calculus II 4	Core science requirement 4	
MTH 220 Discrete Mathematics 3	Core literature requirement 3	
Core religion requirement 3	Core art/music requirement 3	
THIRD YEAR-SEMESTER #1	THIRD YEAR-SEMESTER #2	
AYA 335 Practicum A 1	AYA 335 Practicum B 1	
EDU 356 Classroom Management 3	RDI 311 Content Area Reading 3	
MTH 301 Math Modeling OR	MTH 255 Linear Algebra OR	
MTH 305 College Geometry 3	MTH 320 Probability & Statistics 3 or 4	
MTH 331 Academic Peer Mentoring Practicum 3	MTH Elective 3	
Core JCG requirement 3	Core philosophy requirement 3	
Core ethics requirement 3		
FOURTH YEAR-SEMESTER #1	FOURTH YEAR-SEMESTER #2	
AYA 335 Practicum C 1	AYA 444 AYA Student Teaching 10	
EDU 355 Methods for Math Ed 3	SED 340 Teaching in Incl Setting 3	
MTH 301 Math Modeling OR		
MTH 305 College Geometry 3		
MTH Elective 3		
MTH 410 Professional Dev in Mathematics & STEM Practice 1		
Core Capstone 3		
	<i>MTH Electives:</i> Choose from the courses below, for a total of 6 semester hours:	
	MTH 293 Calculus III 3	
	MTH 310 Differential Equations 3	
	MTH 315 Number Theory 3	
	MTH 361 Abstract Algebra (3)	
	MTH 331 Academic Peer Mentoring Practicum (1-3)	
	MTH 410 Professional Development in Mathematics and STEM Practice (1)	