



**MOUNT MARY COLLEGE
CURRICULUM SHEET**

For Office Use Only

Credits accepted Credit in progress Processed on _____ Assessed by _____ Approved by _____
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STUDENT

ID

Previous Institutions:

MAJOR: Math Education EA/A

Total Major Credits: 84

Min. of 128 credits for graduation

9/06 ACD-tec

CORE REQUIREMENTS - 48 total core credits		Tm	Gr	Cr
SYNOPTICS (min 10 credits) <input type="checkbox"/> fulfilled _____				
SYN 101 Search for Meaning (4 cr.)				
Theology (min 3 cr.)				
Philosophy (min 3 cr.)				
SYMBOLICS (min 6 credits) <input type="checkbox"/> fulfilled _____				
SYM 102 Composition II (3 cr.)				
COM 210 Speech Comm. for Ed (2 cr.)				
MAT 251 Calculus I (4 cr.)				
ESTHETICS (min 9 credits) <input type="checkbox"/> fulfilled _____				
ART 235 History of Non-Western Art (2cr.) OR MUS 328 Music Cultures of the World (2cr.)				
Literature (min 3 cr.)				
Option				
HUMANISTICS (min 9 credits) <input type="checkbox"/> fulfilled _____				
HIS 153 US History I (4 cr.) OR HIS 154 US History II (4 cr.)				
Behavioral Science (min 3 cr.)				
POS 213 American Government (4 cr.)				
EMPIRICS (min 3 credits) <input type="checkbox"/> fulfilled _____				
Combination of Life Sciences and Physical Sciences				
MATH COMPETENCY <input type="checkbox"/> fulfilled _____				
LEADERSHIP COMPETENCY <input type="checkbox"/> fulfilled _____ <input type="checkbox"/> waived				
EDU 246 Multicultural Leadership for Social Justice (3 cr.)				
ELECTIVES				
SYM 101 Composition I (3 cr.)				

Tm	Gr	Cr	MAJOR COURSES REQUIRED
			MAT 251 Calculus I © (4 cr.)
			MAT 252 Calculus II (4 cr.)
			MAT 300 Discrete Mathematics (4 cr.)
			MAT 331 Abstract Algebra (4 cr)
			MAT 333 Linear Algebra (4 cr)
			MAT 343 Modern Geometry (4 cr)
			MAT 346 Intro. Prob. & Stats. (4 cr)
			MAT 488 Fundamental Concepts of Higher Math (4 cr)
			One Elective selected from: MAT 261 Calculus III (4 cr.), MAT 321 Differential Equations (4 cr.), MAT 347 Elementary Number Theory (4 cr.), MAT 495 Topics in Math (4 cr.), OR MAT 496 Independent Study (4 cr.)
			CSC 207 Programming in Basic (4 cr.) OR CSC 209 Introduction to Programming (4 cr.)
			EDU 200 Orientation to Teaching (1 cr.)
			EDU 245 Teaching in a Multicultural Society (2 cr.) OR EDU 246 Multicultural Leadership for Social Justice (3 cr.)
			EDU 303 Teaching Reading & Lang Arts in Mid/Sec School (3 cr.)
			EDU 311 Child & Adolescent Development (3 cr.)
			EDU 321 Psychology Applied to Teaching (4 cr.)
			EDU 322 Instructional Methods for Mi/Sec School: General (4 cr.)
			EDU 324 Instructional Methods: Mathematics (2-6 cr.)
			EDU 401 Student Teaching Seminar (1 cr.)
			EDU 403 Teaching Reading & Lang Arts II Mi/Sec School (3 cr.)
			EDU 405 Introduction to Exceptional Learners (3-4 cr.)
			EDU 410 Foundations of Education (2 cr.)
			EDU 482 Student Teaching in Sec. School: Math (6 cr.)
			EDU 489 Student Teaching in Mid School: Math (6 cr.)
			COM 210 Speech For Classroom Teachers (2 cr.)
			CSC 204 Computers for Educators (2 cr.)

Suggested Curriculum for Mathematics Education

<u>Freshman Year</u>			
<u>First Semester</u>	<u>Second Semester</u>		
___ SYM 101 College Composition I	3	___ SYM 102sb Composition II	3
___ EDU 246 Multicultural Leadership	3	___ SYN 101s Search for Meaning	4
___ MAT 251 Calculus I	4	___ EDU 200 Orientation to Teaching	1
___ *	4	___ MAT 252 Calculus II	4
___ *	4	___ *	4
Semester credits 18		Semester credits 16	

Summer * (4)

<u>Sophomore Year</u>			
___ *	4	___ MAT or CSC 207 or CSC 209	4
___ COM 210 Communication for Teachers	2	___ MAT	4
___ MAT	4	___ *	4
___ *	4	___ *	4
Semester credits 14		Semester credits 16	

<u>Junior Year</u>			
___ EDU 311 Child & Adoles. Develop	3	___ EDU 303 Tchg. Reading I	3
___ EDU 321 Psych Applied to Tchg.	4	___ EDU 322 Instruct. Methods-Gen	4
___ MAT or CSC 207 or CSC 209	4	___ EDU 324 Instruct. Methods	2
___ MAT	4	___ MAT	4
		___ MAT	4
Semester credits 15		Semester credits 17	

<u>Senior Year</u>			
___ EDU 401 Seminar	1	___ EDU 403 Tchg. Reading II	3
___ EDU 482 Stud. Teaching in Sec School	6	___ EDU 405 Intro to Except Lnrs	3
___ EDU 489 Stud. Teaching in Mid. School	6	___ EDU 410 Foundations of Educ	2
		___ MAT	4
		___ *	4
Semester credits 13		Semester credits 16	

*** Core courses required in addition to the specific ones listed: Theology, Philosophy, HIS 153 or 154, POS 213, Behavioral Science h, 2 literature and one fine arts or 1 literature and 2 fine arts, science**