

B.A./B.S. in MATHEMATICS EDUCATION with ENDORSEMENT 6-12 DEGREE REQUIREMENTS (2020-2021)

Student Name: _____

Mentor: _____

GENERAL EDUCATION CORE REQUIREMENTS

Course	Credit Hrs.	Term Taken	Grade
First Year Experience FYE 101	1	_____	_____
English ENG 101/101E*	3	_____	_____
ENG 102/103*	3	_____	_____
Literature			
ENG _____	3	_____	_____
Speech ENG/COMM 221*	3	_____	_____
Humanities, Writing, or Speech			
_____	3	_____	_____
Computer Literacy MIS 240	3	_____	_____
Religion/Philosophy			
REL <u>101 or 102</u>	3	_____	_____
REL <u>101, 102, 201, 241, or 251</u>	3	_____	_____
History (6 sequential hours 111-112 or 201-202)			
HIS <u>111 or 201</u>	3	_____	_____
HIS <u>112 or 202</u>	3	_____	_____
Math MAT 142	5	_____	_____
Natural Science (8 hours of any combination PHY 101, 102, 241, or 242)			
_____	4	_____	_____
_____	4	_____	_____
Fine Arts (3 hours selected from ART 121, ART 131, ART 143, ART 251, ART 211, MUS 231, MUS 233, MUS 235, MUS 236, or ENG/DRA 131)			
_____	3	_____	_____
Physical Education (any activity course)			
HPPE _____	1	_____	_____
Social Sciences			
PSY 113	3	_____	_____
<u>Satisfies B.S. Degree Requirement</u> - Required Social Science			
PSY 211	3	_____	_____
 <u>For B.A. Degree ONLY</u> – Additional Intermediate Foreign Language			
FLG 2 _____	3	_____	_____
FLG 2 _____	3	_____	_____

* Division of Education requires a grade of “B” or higher in ENG 101/101E, ENG 102, and COMM/ENG 221.

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Courses	Credit Hrs.	Term Taken	Grade
Additional General Courses (Also counts as general elective hours) ...	<u>2</u>		
EDU 101 Education as a Profession	2*	_____	_____
Required Mathematics Courses.....	<u>33**</u>		
MAT 231 Statistics.....	3	_____	_____
MAT 241 Analytic Geometry and Calculus II	4	_____	_____
MAT 242 Analytic Geometry and Calculus III.....	4	_____	_____
MAT 271 Introduction of Mathematical Modeling.....	1	_____	_____
MAT 281 Discrete Mathematics.....	3	_____	_____
MAT 310 Linear Algebra	3	_____	_____
MAT 330 History of Mathematics.....	3	_____	_____
MAT 350 Foundations of Mathematics.....	3	_____	_____
MAT 370 Geometry	3	_____	_____
MAT 380 Combinatorics and Graph Theory.....	3	_____	_____
MAT 490 Mathematics Tutorial.....	1	_____	_____
MAT 491 Mathematics Thesis	2	_____	_____
Mathematics Electives (choose from the following).....	<u>3</u>		
MAT 420 Abstract Algebra.....	3	_____	_____
MAT 440 Real Analysis	3	_____	_____
Professional Education Courses	<u>34**</u>		
EDU 308 Psychology of Learning & Cognition	3	_____	_____
EDU 315 Exceptional Child.....	3	_____	_____
EDU 331 Educational Assessment.....	3	_____	_____
EDU 342 Classroom Management.....	3	_____	_____
EDU 360 Multicultural Education	3	_____	_____
EDU 410 Technology in Education	3	_____	_____
EDU 415 Teaching Reading in Grades 6-12.....	2	_____	_____
EDU 425 Strategies for Teaching Grades 6-12.....	2	_____	_____
EDU 456 Clinical Practice in Grades 6-12	11	_____	_____
EDU 457 Clinical Practice Seminar 6-12	1	_____	_____
Total Hours Required for Degree.....	<u>126 -130</u>		

* Grade must be a “B” or higher.

** Grade must be a “C” or higher in all major and professional education courses.

Note: No education courses beyond EDU 101 can be taken until a person is admitted into the Teacher Education Program. Exceptions are EDU 308 and EDU 360, which are cross listed.