

NAME _____

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BACHELOR OF SCIENCE IN SECONDARY MATHEMATICS (Grades 6-12)

2007-2008 Catalog

General Education Core – 59 Hrs				Grade	Credit Hrs	Recommended Term	
Arts of Communication – 12 Hrs							
↑	COMM	1433	Fundamentals of Speech			Freshman	Spring
↑	ENGL	1133	English Composition I			Freshman	Fall
↑	ENGL	1233	English Composition II			Freshman	Spring
Literature Elective (Select One): ENGL 2133, 3123**, 3133, 3223**, 3233, 3633, 4333, 4533							
↑						Senior	Fall
Behavioral/Social Sciences – 12 Hrs							
↑	PSYC	1133	Introduction to Psychology or PSYC 1233 Psychology of Adjustment			Freshman	Fall
↑	HIST	2013	American History I or HIST 2023 American History II			Junior	Fall
Social Science Elective (Select Two): BIOT 1133**, HIST 4533, 4833, SSCI 2133, 4133, 4233, SOWK 3033							
↑						Sophomore	Spring
↑						Freshman	Fall
Humanities and Fine Arts – 6 Hrs							
↑	PHIL	2003**	Principles of Ethics			Junior	Spring
Humanities Elective (Select One): COMM 2033, 2433, ENGL 2233, MUSC 1003							
↑						Sophomore	Spring
<i>**These courses are cross-referenced as Religion and count toward the 20 Hr Religion requirement.</i>							
Mathematics – 8 Hrs							
↑	MATH	2144	Calculus I			Freshman	Fall
↑	MATH	2244	Calculus II			Freshman	Spring
Natural Sciences – 10 Hrs							
↑	NSCI	1033	Life Science			Freshman	Fall
↑	NSCI	1133	Physical Science			Freshman	Spring
↑	NSCI	2033	Astronomy and Earth Science			Sophomore	Fall
↑	NSCI		Lab			Sophomore	Fall
Religion Core – 20 Hrs							
↑	BIOT	1133	Old Testament Survey			Freshman	Fall
↑	BINT	1233	New Testament Survey			Freshman	Spring
↑	BINT	2223	Life of Christ and Acts			Junior	Spring
↑	PHIL	1322	Christian Thought I			Sophomore	Fall
↑	PHIL	1422	Christian Thought II			Sophomore	Spring
↑	PHIL	2003	Principles of Ethics			Junior	Spring
Religion Electives – 4 Hrs							
↑					2	Senior	Spring
↑					2	Senior	Fall
Professional Education Core – 42 Hrs							
↑	EDUC	2133	Introduction to Education			Sophomore	Fall
↑	EDUC	2233	Educational Psychology			Sophomore	Fall
↑	EDUC	3123	Teaching Principles & Practice			Sophomore	Spring
↑	EDUC	3133	Assessment of Learners			Senior	Spring
↑	EDUC	3323	Teaching Math in the Secondary School			Junior	Fall
↑	EDUC	3503	Instructional Technology			Senior	Fall
↑	EDUC	3523	Teaching Reading in the Content Areas			Junior	Spring
↑	EDUC	4113	Empowering ESOL Teachers			Sophomore	Spring

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Professional Education Core (continued) – 42 Hrs				Grade	Credit Hrs	Recommended Term	
†	EDUC	4900	Senior Practicum			Senior	Spring
†	EDUC	4903	Classroom Management for Middle and Secondary Teachers			Senior	Spring
†	EDUC	4912	Student Teaching			Senior	Spring
†	ESED	3113	Survey of the Exceptional Learner K-12			Junior	Fall
Specialization Requirements – 27 Hrs							
†	MATH	2133	Geometry			Sophomore	Fall
†	MATH	2023	Introduction to Probability and Statistics			Junior	Fall
†	MATH	3133	Number Theory			Sophomore	Spring
†	MATH	3233	Linear Algebra			Junior	Spring
†	MATH	3733	Principles of Computers & Program			Junior	Fall
†	MATH	4233	History of Mathematics			Junior	Spring
<i>Math Electives – Select 9 hours from the following: (Recommended Term = Senior Fall term for all 9 hours)</i>							
†	MATH	3044	Calculus III				
†	MATH	3333	Differential Equations				
†	MATH	4133	Abstract Algebra				
†	MATH	4511	Combinatorial Analysis				
†	MATH	4521	Mathematical Modeling				
†	MATH	4531	Symbolic Logic				
†	MATH	4541	Math Colloquium				

Total Credit Hr Requirement = 128

NOTES: