

NAME _____

ID # _____

BACHELOR OF SCIENCE IN MIDDLE GRADES MATH (Grades 5-9)

2007-2008 Catalog

General Education Core – 60 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							
†						Sophomore	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	Spring
Social Science Elective (Select Two): BIOT 1133**, HIST 4533, 4833, SSCI 2133, 4133, 4233, SOWK 3033							
†						Freshman	Fall
†						Sophomore	Spring
Humanities and Fine Arts – 6 Hrs							
†	PHIL	2003**	Principles of Ethics			Sophomore	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 – 10 Hrs							
†	MATH	2144	Calculus I or MATH 1413* Pre-Calculus			Freshman	Fall
†	MATH	2133	Geometry			Sophomore	Fall
†	MATH	2023	Intro to Probability & Statistics			Freshman	Spring
<i>*If MATH 1413 is substituted for MATH 2144, an additional credit hour of math is required to meet the Specialization requirement.</i>							
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		An Associated 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			Senior	Fall
†	PHIL	1322	Christian Thought I			Sophomore	Fall
†	PHIL	1422	Christian Thought II			Sophomore	Spring
†	PHIL	2003	Principles of Ethics			Sophomore	Spring
Religion Electives – 4 Hrs							
†					2	Sophomore	Spring
†					2	Junior	Spring
†							
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	3313	Teaching Mathematics in the Middle Grades			Junior	Fall
†	EDUC	3503	Instructional Technology			Senior	Fall
†	EDUC	3523	Teaching Reading in the Content Areas			Junior	Fall

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Professional Education Core (continued) – 42 Hrs				Grade	Credit Hrs	Recommended Term	
†	EDUC	4113	Empowering ESOL Teachers			Sophomore	Spring
†	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			Junior	Spring
Specialization Requirements – Select 8 hours from the following: <i>(Recommended semesters= Junior Fall-3 hrs, Junior Spring-5 hrs)</i>							
†	MATH	2244	Calculus II				
†	MATH	3133	Number Theory				
†	MATH	3233	Linear Algebra				
†	MATH	3733	Principles of Computers & Program				
†	MATH	4133	Abstract Algebra				
†	MATH	4233	History of Mathematics				
†	MATH	4511	Combinatorial Analysis				
†	MATH	4521	Mathematical Modeling				
†	MATH	4531	Symbolic Logic				
†	MATH	4541	Math Colloquium				
*Math credit hours must total 18 hours, including General Education math courses.							
Second Specialization – 18 Hrs							
†					3	Junior	Fall
†					3	Junior	Fall
†					3	Junior	Spring
†					3	Senior	Fall
†					3	Senior	Fall
†					3	Senior	Fall
*Choose 18 hours in a second specialization area. Coordinate course selection and sequence with an advisor.							

Total Credit Hr Requirement = 129

NOTES: