

SAMPLE FOUR-YEAR PLAN FOR MATHEMATICS/SECONDARY EDUCATION

Updated: March 2010

Note: Students must complete a written comprehensive exam, and maintain a minimum GPA of 2.0 in all mathematics courses.

JANUARY TERM	
Students admitted Fall 2007 or later are required to complete a minimum of two January terms.	CR
Transfer students who transfer in 40 credits or more are required to complete at least one January term.	
January Term 1	3
January Term 2	 3

FIRST YEAR FALL SEMESTER		FIRST YEAR SPRING SEMESTER	
Title	CR	Title	CR
LIB 100 Modes of Inquiry	3	Catholic tradition (LIB 130 or 135) or general elective	3
Writing requirement (LIB 105 or ENG 111) or speaking	3	Writing requirement (LIB 105 or ENG 111) or speaking requirement	3
requirement (LIB 110)		(LIB 110)	
Math Modeling (MAT 150 Calculus I)	4	MAT 160 Calculus II	4
PSY 101 Introductory Psychology (recommended)	3	PSY 121 Developmental Psychology	3
Elective	3	Elective	3

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SOPHOMORE YEAR FALL SEMESTER		SOPHOMORE YEAR SPRING SEMESTER	
Title	CR	Title	CR
LIB 220 Democracy & Global Diversity or Catholic tradition	3	LIB 220 Democracy & Global Diversity or elective	3
(LIB 130 or 135)			
MAT 250 Linear Algebra	3	MAT 230 Discrete Mathematics	3
CIT 115 Software Basics	4	Advanced General Education	3-4
EDU 200 Foundations of American Education	3	EDU 203 Multicultural Education	3
EDU 201 Educational Psychology	3	MAT 260 Calculus III	4

JUNIOR YEAR FALL SEMESTER		JUNIOR YEAR SPRING SEMESTER	
Title	CR	Title	CR
Elective	3	MAT 390 Math Seminar	1
MAT 390 Math Seminar	1	MAT 220 Probability and Statistics	3
MAT 450 Modern Algebra or MAT 460 Real Analysis	3	LIB 305 Portfolio	1
Advanced General Education	3-4	Advanced General Education cluster	6-7
EDU 353 Special Sec Curriculum & Methods	3	EDU 350 General Sec Curriculum & Instruction	3
EDU 357 Reading in the Secondary School (recommended)	3		3

SENIOR YEAR FALL SEMESTER		SENIOR YEAR SPRING SEMESTER	
Title	CR	Title	CR
MAT 490 Senior Seminar	2	EDU 452 Student Teaching	12
MAT 390 Math Seminar	1		
MAT 450 Modern Algebra or MAT 460 Real Analysis	3		
Advanced General Education course	3-4		
MAT 380 Modern Geometry (if even year) or mathematics	3		
elective			
EDU 301 Instructional Adaptations Youth Special Needs	3		

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