

MATHEMATICS 14-15 EIGHT SEMESTER PLAN

YEAR 1

FRESHMAN FALL		STATUS	PREREQ	NOTES
MA 134	Calculus I	4	MA113 & MA123	
ENG 103	English Comp I	3	ACT/SAT	
PSY 113	Principles of Psychology	3		
UE 101	University Experience	1		
	Science & Lab Elective (4)	4		
Total		15		

FRESHMAN SPRING		STATUS	PREREQ	NOTES
MA 164	Calculus II	4	MA134	
ENG 113	English Comp II	3		
EXS 102	Lifetime Wellness	2		
	Science & Lab Elective (4)	4		
	Social Sciences Elective (3)	3		
Total		16		

MATHEMATICS ELECTIVES

MA	323	Operations Research
MA	333	Number Theory
MA	343	Sets & Logic
MA	353	Vector Analysis
MA	363	Adv. Differential Equations
MA	373	Abstract Algebra
MA	393	Probability & Statistics
MA	423	Complex Variables
MA	443	Numerical Analysis
MA	473	Combinatorics & Graph Theory

YEAR 2

SOPHOMORE FALL		STATUS	PREREQ	NOTES
MA 213	Calculus III	3	MA164	
MA 303	College Geometry	3	MA164	
SP 203/COM 163	Effective Speak/Interper Comm	3	ENG 113	
	General Electives (6)	6		
Total		15		

SOPHOMORE SPRING		STATUS	PREREQ	NOTES
MA 233	Differential Equations	3	MA213	
MA 313	Linear Algebra	3	MA213	
ENG 153	Intro to Literature	3		
	History Elective (3)	3		
	General Elective (3)	3		
Total		15		

YEAR 3

JUNIOR FALL		STATUS	PREREQ	NOTES
MA 3X3-4X3	Math 300-400 Level Elective (6)	6	MA213	
	Humanities Elective (3)	3		
	Directed Program Electives (6)	6		
Total		15		

JUNIOR SPRING		STATUS	PREREQ	NOTES
MA 3X3-4X3	Math 300-400 Level Elective (6)	6	MA213	
INF 143/CS 1113	Intro to C#/Obj Oriented JAVA	3		
	General Elective (3)	3		
	Directed Program (3)	3		
Total		15		

YEAR 4

SENIOR FALL		STATUS	PREREQ	NOTES
MA 312	Historical Aspects of Math	2	MA213	
MA 403	Advanced Calculus	3	MA213	
	Humanities (3)	3		
	Directed Program Electives (6)	6		
Total		14		

SENIOR SPRING		STATUS	PREREQ	NOTES
MA 3X3-4X3	Math 300-400 Level Elective (3)	3	MA213	
	General Elective (3)	3		
	Directed Program Electives (9)	9		
Total		15		

Note: Math Majors are required to earn a C or better in every math course and in INF 143 /CS 1113.