

Core Choice options can be swapped as needed. Follow DegreeWorks Checksheet for requirements.

Year 1													
Fall						Spring						Notes	
Course	Title	Hours	Area	Completed	Grade	Course	Title	Hours	Area	Completed	Grade	If starting MATH in Area A with MATH 1113: Pre-Calculus, student will need to consider taking MATH 1262 in summer of Year 1. Summer is a good time to get ahead on courses. Several Core courses are offered online over the summer terms.	
MATH 0001	First Year Academic Seminar	1	Major			MATH 1262	Calculus II	4	D				
MATH 1261	Calculus I	4	A2			ENGL 1102	English Composition II	3	A1				
CSCI 1301	Computer Science I	3	Major			MATH 2150	Linear Algebra	3	Major				
ENGL 1101	English Composition I	3	A1			Foreign Lang	Any Foreign Language 1002 Level	3	Major				
GC1Y 1000	Critical Thinking	3	B			Core Choice	Area C1 Humanities and Ethics	3	C				
Foreign Lang	Any Foreign Language 1001 Level	3	Major										
Total		17				Total		16					

Named MATH courses should be taken in term noted
Area A and GC1Y 1000 must be completed by 30 earned hours
MATH 0001 does not count toward the 120 hour graduate requirement

Year 2													
Fall						Spring						Notes	
Course	Title	Hours	Area	Completed	Grade	Course	Title	Hours	Area	Completed	Grade	*MATH 4510 is taught only in Spring terms.	
MATH 2263	Calculus III	4	Major			MATH 4340	Differential Equations	3	Major				
MATH 3030	Foundations of Mathematics	3	Major			MATH 4510*	Geometry	3	Major				
MATH 1401	Probability & Statistics	3	Major			GC2Y 2000	Global Perspectives	4	B				
Core Choice	Area E Social Science Choice 1	3	E			Core Choice	Area C2 Fine Arts	3	C				
Core Choice	Area E Social Science Choice 2	3	E			Core Choice	Area E Social Science Choice 3	3	E				
Total		16				Total		16					

GC2Y 2000 must be taken between 30-59 earned hours.

Year 3													
Fall						Spring						Notes	
Course	Title	Hours	Area	Completed	Grade	Course	Title	Hours	Area	Completed	Grade		
MATH 4300	Complex Variables	3	Major			MATH 4261**	Mathematical Analysis I	3	Major				*MAED 3119 and MAED 3121 will be offered every other year; MAED 3119 in fall and MAED 3121 in spring. The courses should be taken in either the junior or senior year. * MATH 4300 and MATH 4110 are taught only in fall terms. * MATH 4261 is taught only in spring terms.
MATH 4110	Number Theory	3	Major			MATH 4989	Intro to Research in Math	1	Major				
PHYS 2211/L	Principles of Physics with Lab I	4	Major			MAED 3121**	Concepts of Number & Alg in Sec Math	3	Major				
EDIS 4425	Seminar: Exp Teach/Math & Sci	3	Major			Elective	Elective 1000-4000 level	3	Elec				
MAED 3119*	Concepts of Geom & Meas in Sec 3Math	3	Major			Elective	Elective 1000-4000 level	3	Elec				
						Elective	Elective 1000-4000 level	3	Elec				
Total		16				Total		16					

EDIS 4425: will not be offered every year. Should be taken when offered (provided prerequisites are met).

Year 4													
Fall						Spring						Notes	
Course	Title	Hours	Area	Completed	Grade	Course	Title	Hours	Area	Completed	Grade		
MATH 4990	Senior Project	3	Major			MATH 4XXX	Upper level MATH elective	3	Major				*MATH 4081 is taught only in fall terms. ** Only one 4000-level MATH elective is offered per year. Students are advised to take a 4000-level MATH elective when it is offered (provided they meet the prerequisite).
MATH 4081*	Abstract Algebra	3	Major			Elective	Elective 1000-4000 level	3	Elec				
Elective	Elective 1000-4000 level	3	Elec			Elective	Elective 1000-4000 level	3	Elec				
Elective	Elective 1000-4000 level	3	Elec			Elective	Elective 1000-4000 level	3	Elec				
Elective	Elective 1000-4000 level	3	Elec			Elective	Elective 1000-4000 level	3	Elec				
Total		15				Total		15					

MATH 4990 is a continuation of the capstone experience and should immediately follow MATH 4989. Arrangements for registration should be coordinated thru your research advisor.