

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	A			CSCI 1302	Computer Science II	3	Major						
CSCI 1301	Computer Science I	3	Major			ENGL 1102	English Composition II	3	A						
ENGL 1101	English Composition I	3	A			MATH 2150	Linear Algebra	3	Major						
GC1Y 1000	Critical Thinking	3	B			XXXX 1002	Foreign Language 1002	3	Major						
XXXX 1001	Foreign Language I	3	Major												
Total		17				Total		16							
Area A and GC1Y 1000 must be completed by 30 earned hours. MATH 0001 does not count toward the 120 hour graduation 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 C1 Humanities and Ethics	3	C			Core Choice	Area C2 Fine Arts	3	C						
Core Choice	Area E Social Science Choice 1	3	E			Core Choice	Area E Social Science Choice 2	3	E						
Total		16				Total		16							
Named MATH courses should be taken in sequence as noted beginning with MATH 3030 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	3	Major			*MATH 4300 and 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				
Area D Course	CHEM 1211K or PHYS 2211/lab	4	D			Area D Course	CHEM 1212K or PHYS 2212/lab	4	D				
Elective	Any 1000-4000 level elective	3	Elec			Core Choice	Area E Social Science Choice 3	3	E				
Elective	Any 1000-4000 level elective	3	Elec			Elective	Any 1000-4000 level elective	3	Elec				
Total		16				Total		14					
Students must secure research advisor and arrange registration for MATH 4989 in the spring of the 3rd year													
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. *One 4000-level MATH elective will be 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	Any 1000-4000 level elective	3	Elec				
Elective	Any 1000-4000 level elective	3	Elec			Elective	Any 1000-4000 level elective	3	Elec				
Elective	Any 1000-4000 level elective	3	Elec			Elective	Any 1000-4000 level elective	3	Elec				
Elective	Any 1000-4000 level elective	3	Elec			Elective	Any 1000-4000 level elective	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.													