



Sample Program Plan

Mathematics Degree with no concentration

Typical Mathematics Program

Beginning with College Algebra

Spring 2008

<i>Freshman Year</i>					
Fall		Winter		Spring	
MATH 111 College Algebra	4	MATH 112 Precalculus	4	MATH 251 Calculus I	4
General Education / Electives	8-11	CS 161 Foundations of CS I	4	General Education / Electives	11-14
		General Education / Electives	7-11		
Total Credits	12-15	Total Credits	15-18	Total Credits	15-18
<i>Sophomore Year</i>					
Fall		Winter		Spring	
STAT 243 Elementary Statistics	4	MATH 252 Calculus II	4	MATH 253 Calculus III	4
General Education / Electives	11-14	General Education / Electives	11-14	General Education / Electives	11-14
Total Credits	15-18	Total Credits	15-18	Total Credits	15-18
<i>Junior Year</i>					
Fall		Winter		Spring	
MATH 341 Linear Algebra	4	MATH 254 Calculus IV (if available)	4	MATH 382 Structures of Abstract Mathematics	4
		OR			
MATH Electives *	4	MATH Electives *		MATH Electives *	4
General Education / Electives	5-8	General Education / Electives	11-14	General Education / Electives	5-8
Total Credits	13-16	Total Credits	15-18	Total Credits	13-16
<i>Senior Year</i>					
Fall		Winter		Spring	
MATH 311 Advanced Calculus	4	MATH 412 Real Analysis	4	MATH 344 Modern Algebra I	4
OR		OR		OR	
MATH 344 Modern Algebra I (whichever is offered)		MATH 445 Modern Algebra II (whichever is offered)		MATH 311 Advanced Calculus (whichever is offered)	
MATH 407 Capstone Seminar	1	MATH 254 Calculus IV (if available)	4	MATH 407 Capstone Seminar	2
		OR			
MATH Electives *	4	MATH Electives *		MATH Electives *	4
General Education / Electives	4-8	MATH 407 Capstone Seminar	1	General Education / Electives	4-8
Total Credits	13-17	General Education / Electives	4-8	General Education / Electives	4-8
		Total Credits	13-17	Total Credits	14-18

- Math electives must include at least 20 credit hours of upper division mathematics courses. Stat 352 counts as a mathematics course for this purpose.