

MATHEMATICS SAMPLE 4-YEAR PLAN

	Fall	Credits	Spring	Credits
First Year	EH 101 Freshmen Composition	3	EH 102 Freshmen Composition	3
	MA 112 Precalculus Algebra	3	MA 113 Precalculus Trigonometry	3
	Minor	3	Minor	3
	General Education Requirement	3	General Education Requirement	3
	General Education Requirement	3	CS 102 C Programming or CS 103 Java Prog.	3
	FYE 101 First Year Experience	1	General Elective	1
		16		16
Second Year	Fall	Credits	Spring	Credits
	MA 171 Calculus A	4	MA 172 Calculus B	4
	General Education Requirement lab science	4	PH 111/114 General Physics w/ Calculus I	3/1
	CS 121 Computer Science I	3	General Education Requirement	3
	Minor	3	General Education Requirement	3
	General Elective	2	General Elective	2
		16		16
Third Year	Fall	Credits	Spring	Credits
	MA 201 Calculus C	4	MA 244 Introduction to Linear Algebra	3
	MA 238 Applied Differential Equations	3	MA 330 Foundations of Math	3
	PH 112/115 Physics w/ Calculus II	3/1	MA 385 Introduction to Probability	3
	Minor	3	Minor	3
	General Elective	2	Minor	3
			General Elective	1
		16		16
Fourth Year	Fall	Credits	Spring	Credits
	MA 442 Algebraic Structures with Applications	3	MA 452 Introduction to Real Analysis	3
	MA 465 Intro to Math Modeling	3	MA 4XX	3
	MA 4XX	3	MA 4XX	3
	General Education Requirement	3	General Education Requirement	3
	General Education Requirement	3	General Education Requirement	3
	Minor	3	General Elective	1
		16		16
TOTAL: 128 +	Required minimum of 128 credits to graduate			

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