

Mathematics – B.S. (MAFI)

Recommended Four-Year Plan (Fall 2014)

This recommended four year plan is provided as an **outline** for you to follow in order to plan of degree completion within four years. This plan is a **recommendation** and not intended to serve as a substitute for meeting, and checking your selections, with your academic advisor. Please note that this plan assumes that no developmental courses are required. If you are required to take developmental courses you will need to adjust the plan below, and should again consult with your academic advisor to do so.

First Year

Fall Semester	HRS	✓	Spring Semester	HRS	✓
ENWR 105 College Writing I (Gen Ed)	3		ECON 102 Principles of Econ – Macro (Gen Ed – Social Sci)	3	
MATH 122 Calculus I (Gen Ed)	4		MATH 221 Calculus II	4	
MATH 102 New Stud. Exp. for Math	1		ENWR 106 College Writing II (Gen Ed)	3	
ECON 101 Principles of Economics: Macro	3		CMST 101 Fundamentals of Speech (Gen Ed)	3	
CSIT 111 Fundamentals of Programming I	3		CSIT 112 Foundations of Programming II	3	
Physical Education Requirement	1				
TOTAL	15		TOTAL	16	

Second Year

Fall Semester	HRS	✓	Spring Semester	HRS	✓
World Languages	3		World Languages	3	
MATH 222 Calculus III	4		MATH 321 Fundamentals of Finance	3	
STAT 330 Fundamentals of Modern Stats	4		MATH 335 Linear Algebra	4	
General Ed. – Amer./European History	3		MATH 340 Probability	3	
ACCT 204 Fundamentals of Accounting	3		General Education course – L Elective	3	
TOTAL	17		TOTAL	13	

Third Year

Fall Semester	HRS	✓	Spring Semester	HRS	✓
MATH 466 Mathematics of Finance I	3		MATH 467 Mathematics of Finance II	3	
MATH 420 Differential Equations	4		STAT 443 Intro. To Mathematics Stats	3	
General Ed. Natural/Physical Science	4		General Ed. – World Lit/General Humanities	3	
Gen Ed. – Philosophy/Religion	3		General Ed. – Non-Western Cultural Perspectives	3	
General Ed. – Fine & Performing Arts	3		Free Elective – Social Science	3	
TOTAL	15		TOTAL	15	

Fourth Year

Fall Semester	HRS	✓	Spring Semester	HRS	✓
Math Elective	3		Math Elective	3	
Math Elective	3		Free Elective	3	
Free Elective	3		Free Elective	3	
Free Elective	3		Free Elective	3	
Free Elective	3				
TOTAL	15		TOTAL	12	

Total Required: 120 credits