

Mathematics – B.S. (MADA)

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	✓
ENWR105 College Writing I	3		MATH Collateral Requirement (see dept list)	4	
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	
CSIT 111 Fundamentals of Programming	3		CMST 101 Fundamentals of Speech (Gen Ed)	3	
Physical Education	1		CSIT 112 Fundamentals of Programming II	3	
MATH Collateral Course (see dept list)	3-4				
TOTAL	15		TOTAL	17	

Second Year

Fall Semester	HRS	✓	Spring Semester	HRS	✓
World Languages	3		World Languages	3	
MATH 222 Calculus III	4		MATH 335 Linear Algebra	4	
MATH 320 Transitions to Adv Math	3		MATH 340 Probability	3	
MATH Collateral Course (see dept list)	3		MATH Elective	3	
Gen Ed Science Lab	4		Free Elective	3	
TOTAL	17		TOTAL	16	

Third Year

Fall Semester	HRS	✓	Spring Semester	HRS	✓
MATH 464 Operations Research I	3		MATH 465 Operations Research II	3	
MATH 469 Mathematical Model	3		MATH 485 Applied Combinatorics and Graph Theory	3	
Free Elective	3		General Ed. – World Lit/General Humanities	3	
General Education L Elective	3		General Ed. – Non-Western Cultural Perspectives	3	
General Ed. – Social Science	3		General Ed. – Fine & Performing Arts	3	
TOTAL	15		TOTAL	15	

Fourth Year

Fall Semester	HRS	✓	Spring Semester	HRS	✓
MATH Elective Course	3		Gen Ed- American/European History	3	
MATH Elective Course (see dept list)	3		Free Elective	3	
Gen Ed – Philosophy/Religion	3		Free Elective	3	
Free Elective	3		Free Elective	3	
Free Elective	3				
TOTAL	16		TOTAL	10-12	

Total Required: 120 credits