

Mathematics – B.S./MS Combination (MACB)

Recommended Four-Year Plan (Fall 2014)

This recommended four year plan is provided as an **outline** for you to follow in order to plan for 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	✓
PHYS 191 Physical Sci Lab (Gen Ed)	4		PHYS 192	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	
ENWR 105 College Writing I (Gen Ed)	3		CMST 101 Fundamentals of Speech (Gen Ed)	3	
CMPT 111 Fundamentals of Programming I (Gen Ed)	3		General Ed. – Fine & Performing Arts	3	
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	
STAT 330 Fund of Modern Statistics I	3		MATH 340 Probability	3	
General Ed. – Amer./European History	3		World Cultures	3	
			General Ed. – Philosophy/Religion	3	
TOTAL	13		TOTAL	16	

Third Year

Fall Semester	HRS	✓	Spring Semester	HRS	✓
MATH 320 Trans to Advanced Math	3		MATH 425 Advanced Calculus I	3	
MATH Elective Course (see dept list)	3		MATH Elective Course (see dept list)	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		Free Elective	3	
TOTAL	15		TOTAL	15	

Fourth Year

Fall Semester	HRS	✓	Spring Semester	HRS	✓
MATH 431 Found of Modern Algebra	3		MATH Elective Course (see dept list)	3	
MATH Elective Course (see dept list)	3		Possible 500 level STAT course*	3	
Free Elective	3		Possible 500 level STAT course*	3	
Possible 500 level STAT course*	3		General Ed. – Health/Physical Ed (Gen Ed)	1	
Free Elective	3		Free Elective	3	
			Free Elective	1	
TOTAL	15		TOTAL	14	

* SEE DEPARTMENT FOR GRADUATE COURSE REQUIREMENTS TO COMPLETE COMBINED BS/MS DEGREE

Total Required: 120 credits