

**BS MATHEMATICS 2011-2012**

Student: \_\_\_\_\_  
 Student ID: \_\_\_\_\_  
 Enrollment Date: \_\_\_\_\_

Total semester hours required: 120  
 Total semester hours transferred: \_\_\_\_\_

Plymouth Requirements	Credits	Gen Ed	Transfer Course (Title)	Credits	To Be Taken
MA 2000 Introduction to Formal Mathematics	3	MATH			Falls
MA 2550 Calculus I	4	QRCO			
MA 2560 Calculus II	4	QRCO			
MA 3110 Logic, Proofs, and Axiomatic Systems	3	WRCO			Spring
MA 3120 Linear Algebra	3				Spring
MA 3200 Discrete Mathematics	3				
MA 3500 Probability and Statistics for Scientists	3				
MA 3510 Differential Equations	3				Falls
MA 3540 Calculus III	4				Spring
MA 4140 Abstract Algebra	3	WRCO			Odd Falls
MA 4430 Numerical Analysis	3	TECO			Odd Falls
MA 4510 Introduction to Analysis	3				Even Falls
<i>Mathematics electives -</i>	12	Complete <b>12 credits</b> from the following:			
MA 3130 Directed Research in Mathematics					
MA 3230 Geometries		TECO, WRCO			Falls
MA 3280 Regression Analysis					Odd Spring
MA 3460 History of Mathematics		GACO, WRCO			Even Falls
MA 4220 Topics in Mathematics					Odd Spring
MA 4350 Probability Theory					Even Spring
<i>Computer Science elective -</i>	2-4	Complete <b>one</b> of the following:			
CS 2370 Programming in Java					
CS 2400 Scientific Programming					Spring
CS 2470 Systems Programming in C/C++					Spring
EN 1200 Composition	3				
IS 1111 The First Year Seminar	3	Transfers entering with 24+ credits are excused from IS 1111.			
CTDI Creative Thought Direction	3				
CTDI Creative Thought Direction	3				
PPDI Past and Present Direction	3				
PPDI Past and Present Direction	3				
SIDI Scientific Inquiry Direction	3-4				
SIDI Scientific Inquiry Direction	3-4				
SSDI Self and Society Direction	3				
SSDI Self and Society Direction	3				
DICO Diversity Connection	3				
GACO Global Awareness Connection	3				
INCO Integration Connection	3				
WECO Wellness Connection	3				
Electives	25-21				

**Students must receive a grade of C- or better in all mathematics courses required in their degree program.** A grade of C- or better must be earned in any MA prerequisite course before enrolling in the post-requisite course.