

Plymouth State University CURRICULUM PLANNING GUIDE with APPLICATION of TRANSFER CREDIT

**BS MATHEMATICS 2013-2014**

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

Option: **Middle School Teacher Cert. (5-8)**  
 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
Mathematics electives above MA 2100 (not MADI)	6-8				
MA		(not MADI)			
MA		(not MADI)			
<i>Calculus</i> - complete <b>one sequence</b>	8	Complete <b>either</b> (MA 2490 and MA 2500) <b>or</b> (MA 2550 and MA 2560):			
MA 2490 Applied Calculus I <i>and</i>		QRCO			
MA 2500 Applied Calculus II <b>or</b>		QRCO			Springs
MA 2550 Calculus I <i>and</i>		QRCO			
MA 2560 Calculus II		QRCO			
MA 3010 Mathematics in Our World II	4	QRCO			
MA 3050 Introduction to Mathematics Education	3				Springs
MA 3110 Logic, Proofs, Axiomatic Systems	3	WRCO			Springs
MA 3200 Discrete Mathematics	3				
MA 3230 Geometries	4	TECO, WRCO			Falls
MA 3460 History of Mathematics	3	GACO, WRCO			Falls
MA 3500 Probability and Statistics for Scientists	3				
MA 4020 The Cultural and Psychological Aspects of Mathematics Learning	3	DICO, INCO			Falls
MA 4040 Mathematics in the Secondary and Middle School	3				Springs
MA 4965 Mathematics Student Teaching (5-8)	12		Requires 2.50 cumulative GPA.		Falls
MA 4985 Mathematics Student Teaching Seminar	1				Falls
CD 3000 Philosophical and Historical Perspectives on the Child in Society	3	INCO, WRCO			
ED 3350 Classroom Planning, Management, and Organization for Middle School and Secondary Educators	3	TECO			
PS 3190 Development and Understanding	3	WECO			
SE 3090 Introduction to Special Education: Middle and Secondary	3				
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				
Electives	19-15				

**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.** Student Teaching requires a minimum cumulative grade point average of 2.50.