

Plymouth State University CURRICULUM PLANNING GUIDE with APPLICATION of TRANSFER CREDIT

**BS MATHEMATICS 2007-2008**

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

Option: **Middle School Teacher Cert. (5-8)**  
 Total semester hours required: 122  
 Total semester hours transferred: \_\_\_\_\_

Plymouth Requirements	Credits	Gen Ed	Transfer Course (Title)	Credits	To Be Taken
MA 2140 Elementary Functions	4	QRCO, TECO			
MA Math elective above MA 2100	3	MATH (not MADI)			
MA 2490 Applied Calculus I	4	QRCO			
MA 2500 Applied Calculus II	4	QRCO			Springs
MA 2600 Math Activities Center Practicum	1				
MA 3010 Mathematics in Our World II	4	QRCO			
MA 3030 Math Laboratory Activities I	1				Falls
MA 3040 Math Laboratory Activities II	1				Springs
MA 3080 Introduction to Mathematics Education	2				Springs
MA Mathematics elective above 3100	1	not MADI			
MA 3110 Logic, Proofs, Axiomatic Systems	3	WRCO			Falls
MA 3200 Discrete Mathematics	3				
MA 3230 Geometries	4	TECO, WRCO			Falls
MA 3460 History of Mathematics	3	GACO, WRCO			Even Springs
MA 3500 Probability and Statistics for Scientists	3				
MA 4020 The Cultural and Psychological Aspects of Mathematics Learning	3	DICO, INCO			Springs
MA 4030 Mathematics in the Secondary and Middle School	4				Fall only
MA 4970 Mathematics Student Teaching (5-8)	10		Requires 2.50 cumulative GPA.		Fall only
CD 3000 Philosophical and Historical Perspectives on the Child in Society	3	INCO, WRCO			
ED 3350 Classroom Planning, Management & Organization for 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	22 - 20				

MA 2490-2500 substitute for MA 2550-2560. MA 3030 and MA 3040 do not qualify for Math elective above 3000. MA 4030 is only offered fall semester and is completed prior to Student Teaching. **Students must receive a C or better grade in any mathematics course required for their certification program.** Student Teaching requires a minimum cumulative grade point average of 2.50.