

Plymouth State University CURRICULUM PLANNING GUIDE with APPLICATION of TRANSFER CREDIT

BS MATHEMATICS 2005-2006

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

Option: **Secondary Teacher Cert. (7-12)**  
 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	MATH or QRCO, TECO			
MA 2200 Finite Mathematics	3	MATH or QRCO			
MA 2300 Statistics I	3	MATH or QRCO			
MA 2550 Calculus I	4	QRCO			
MA 2560 Calculus II	4	QRCO			
MA 2600 Math Activities Center Practicum	1				
MA 3030 Math Laboratory Activities I	1				Falls
MA 3040 Math Laboratory Activities II	1				Spring
MA 3080 Introduction to Mathematics Education	2				Spring
MA 3110 Logic, Proofs, Axiomatic Systems	3	WRCO			Falls
MA 3120 Elements of Linear Algebra	3				Spring
MA 3200 Discrete Mathematics	3				
MA 3230 Geometries	4	TECO, WRCO			Falls
MA 3460 History of Mathematics	3	GACO, WRCO			Even Spring
MA 3540 Multivariable Calculus	4				Spring
MA 4020 The Cultural and Psychological Aspects of Mathematics Learning	3	DICO, INCO			Spring
MA 4030 Mathematics in the Secondary and Middle School	4				Fall only
MA 4140 Algebraic Structures	3	WRCO			Even Spring
MA Mathematics elective above 4100	3				
CD 3000 Philosophical and Historical Perspectives on the Child in Society	3	INCO			
ED 3350 Classroom Planning, Management & Organization for Secondary Educators	3	TECO			
ED 4430 Secondary Student Teaching	10		Requires 2.50 cumulative GPA.		Fall only
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	14 - 12				

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.