

Plymouth State University CURRICULUM PLANNING GUIDE with APPLICATION of TRANSFER CREDIT

BS MATHEMATICS 2014-2015

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
<i>Mathematics Electives above MA 2100 [not MADI]</i>	6-8				
MA		not MADI			
MA		not MADI			
MA 2120 Mathematics in Our World II	4	QRCO			
MA 2400 Introduction to Formal Mathematics	3	MATH			Falls
<i>Calculus -</i>	8	Complete one sequence: either (MA 2490 and MA 2500) or (MA 2550 and MA 2560):			
MA 2490 Applied Calculus I <i>and</i>		QRCO			
MA 2500 Applied Calculus II <i>or</i>		QRCO			Spring
MA 2550 Calculus I <i>and</i>		QRCO			
MA 2560 Calculus II		QRCO			
MA 2700 Logic, Proofs, Axiomatic Systems	3	WRCO			Spring
MA 3050 Introduction to Mathematics Education	3				Spring
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				Spring
MA 4965 Internship in Mathematics Teaching (5-8)	12		Requires 2.50 cumulative GPA.		Falls
MA 4985 Internship in Mathematics 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 3195 Development and Understanding	3				
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				
WECO Wellness Connection	3				
Electives	16-12				

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. Internship in Mathematics Teaching requires a minimum cumulative grade point average of 2.50.