

Plymouth State University CURRICULUM PLANNING GUIDE with APPLICATION of TRANSFER CREDIT

BS MATHEMATICS 2007-2008

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	QRCO, TECO			
MA	Math elective above MA 2100	3	MATH (not MADI)			
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 3500	Probability and Statistics for Scientists	3				
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	Mathematics elective above 4100	3	not MADI			
MA 4140	Algebraic Structures	3	WRCO			Even Spring
MA 4960	Mathematics Student Teaching (7-12)	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		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.