

Plymouth State University CURRICULUM PLANNING GUIDE with APPLICATION of TRANSFER CREDIT

BS MATHEMATICS 2003-2004

Student _____
 Student ID _____
 Enrollment Date _____

Option: **Secondary Teacher Certification**
 Total semester hours required: 122
 Total semester hours transferred: _____

Plymouth Requirements	Credits	GenEd	Transfer Course (title)	Credits	To Be Taken
MA 2140 Elementary Functions	4	QUAN			
MA 2200 Finite Mathematics	3	QUAN			
MA 2300 Statistics I	3	QUAN			
MA 2550 Calculus I	4	QUAN			
MA 2560 Calculus II	4	QUAN			
MA 2600 Math Activities Center Practicum	1				
MA 3030 Math Lab Activities I	1				Falls
MA 3040 Math Lab Activities II	1				Springs
MA 3080 Intro Mathematics Education	2				Springs
MA 3110 Logic, Proofs, Axiomatic Systems	3	Writing not transferable			Falls
MA 3120 Elements of Linear Algebra	3				Springs
MA 3200 Discrete Mathematics	3				
MA 3230 Geometries	4	Writing not transferable			Falls
MA 3460 History of Mathematics	3	Writing not transferable			even Springs
MA 3540 Multivariable Calculus	4				Springs
MA 4020 CultPsych Aspects Math Learn	3	INTG			Springs
MA 4030 Math in Second & Middle School	4				Fall only
MA 4140 Algebraic Structures	3	Writing not transferable			even Springs
MA Math elective above 4100	3				
CD 3000 Phil/Hist Perspect Child Society	3	PHIL			
CS 2010 Foundations of Computer Science	3	TECH			
ED 3260 Classroom Mgmt Secondary Ed	2	UPPR			Falls
ED 4430 Secondary Student Teaching	10	UPPR	requires 2.50 cumulative GPA		Fall only
PS 2010 Intro General Psych or PS 2050 Life-Span Develop Psychology	3	SPSY SPSY			
PS 3100 Adolescent Psychology	3	UPPR			
PS 3250 Cognitive Development	3	UPPR			Falls
PO 1020 American Government or HI a US history course	3	SPSY HIST			
SE 3090 Intro Special Ed Middle/Sec	3	UPPR			
EN 1200 Composition	3				
IS 1010 Introduction Academic Community	1	transfers (24+ credits) do Computer/Library Skills			
FACTS Physical Education activities	2				
ARTS Fine and Performing Arts	3				
GLOB Global Perspective	3				
HIST Historical Perspective	3 (0)				
LITY Literary Perspective	3				
SCIE Scientific Perspective	3				
SLAB Scientific Perspective	4				
SPSY Social and Psychological (not PS)	0 (3)				
Electives	8				

MA 3030 and MA 3040 do not qualify for Math elective above 3000. Students must receive a C or better grade in any mathematics course required for their certification program. Students are encouraged to take a foreign language to satisfy the **Global** Perspective. **Scientific** Perspectives must be completed by either taking courses in 2 different disciplines and taking a **SLAB** with 1 of those courses, or by taking 2 consecutive semesters of lecture and 1 semester of lab in a year-long science course. Neither the **Writing** course nor the **Integrative** Component can be satisfied with transfer credit; they must be taken at Plymouth.