

Plymouth State University CURRICULUM PLANNING GUIDE with APPLICATION of TRANSFER CREDIT

BS MATHEMATICS 2004-2005

Student: _____
 Student ID: _____
 Enrollment Date: _____

Option: **Secondary Teacher Cert. (7-12)**
 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				Spring
MA 3080	Intro to Mathematics Education	2				Spring
MA 3110	Logic, Proofs, Axiomatic Systems	3	Writing not transferable			Falls
MA 3120	Elements of Linear Algebra	3				Spring
MA 3200	Discrete Mathematics	3				
MA 3230	Geometries	4	Writing not transferable			Falls
MA 3460	History of Mathematics	3	Writing not transferable			Even Spring
MA 3540	Multivariable Calculus	4				Spring
MA 4020	Cult/Psych Aspects Math Learn	3	INTG			Spring
MA 4030	Math in Second & Middle School	4				Fall only
MA 4140	Algebraic Structures	3	Writing not transferable			Even Spring
MA	Mathematics elective above 4100	3				
CD 3000	Phil/Hist Perspect Child Society	3	PHIL			
CS 2010	Computing Fundamentals	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 to General Psych	3	SPSY			
PS 2050	Life-Span Develop Psychology		SPSY			
PS 3100	Adolescent Psychology	3	UPPR			
PS 3250	Cognitive Development	3	UPPR			Falls
PO 1020	American Government	3	SPSY			
HI	a US history course		HIST			
SE 3090	Intro to Special Ed: Middle/Sec	3	UPPR			
EN 1200	Composition	3				
IS 1111	The First Year Seminar	3				
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 Lab Perspective	4				
SPSY	Social and Psychological (not PS)	0 (3)				
Electives		8				

MA 3030 and MA 3040 do not qualify for Math electives 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 either by 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.