

Plymouth State University **CURRICULUM PLANNING GUIDE** with APPLICATION of TRANSFER CREDIT

**BS MATHEMATICS 2004-2005**

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

Option: **Actuarial Mathematics**  
 Total semester hours required: 122  
 Total semester hours transferred: \_\_\_\_\_

Plymouth Requirements	Credits	GenEd	Transfer Course (title)	Credits	To Be Taken
MA 2300 Statistics I	3	QUAN			
MA 2550 Calculus I	4	QUAN			
MA 2560 Calculus II	4	QUAN			
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 3300 Statistics II	3	Writing not transferable			
MA 3400 Time and Money	3	INTG			Spring
MA 3410 Numerical Methods Using Computer	3	Writing not transferable			Odd Fall
MA 3510 Differential Equations	3				Fall
MA 3540 Multivariable Calculus	4				Spring
MA 4140 Algebraic Structures	3	Writing not transferable			Even Spring
MA 4310 Quantitative Methods Bus Applic	3				Even Fall
MA 4350 Probability Theory	3				Spring
MA 4420 Numerical Analysis Using Computer	3				Odd Spring
MA 4510 Advanced Calculus I	3				Fall
MA 4520 Advanced Calculus II *	3				Even Spring
MA 4560 Advanced Math Problem Solving	3				Even Fall
CS 2010 Computing Fundamentals	3	TECH			
EC 2550 Macroeconomics	3	SPSY			
EC 2560 Microeconomics	3	SPSY			
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				
LITY Literary Perspective	3				
PHIL Philosophical Perspective	3				
SCIE Scientific Perspective	3				
SLAB Scientific Lab Perspective	4				
SPSY Social and Psychological (not EC)	3				
Upper-division Requirement (not MA) or Academic Minor	9 or 15-32				
Electives	16 or 10-0				

\* May be replaced with an elective if the first Actuarial Examination has been passed. 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. **Social and Psychological** Perspectives must be completed in 2 different disciplines. Neither the **Writing** nor the **Integrative** Components can be satisfied with transfer credit; they must be taken at Plymouth.