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

BS MATHEMATICS 2002-2003

Student _____
SS# _____
Enrollment Date _____

Option: **Actuarial Mathematics**
Total semester hours required: 122
Total semester hours transferred: _____

PSC Requirements	Credits	GenEd	Transfer Course (title)	Credits	To Be Taken
MA 230 Statistics I	3	Q			
MA 255 Calculus I	4	Q			
MA 256 Calculus II	4	Q			
MA 311 Logic, Proofs, Axiomatic Systems	3	Writing	not transferable		Falls
MA 312 Elements of Linear Algebra	3				Springs
MA 320 Discrete Mathematics	3				
MA 330 Statistics II	3	Writing not transferable			
MA 340 Time and Money	3	I			Springs
MA 341 Numerical Methods Using Computer	3	Writing not transferable			odd Falls
MA 351 Differential Equations	3				Falls
MA 354 Multivariable Calculus	4				Springs
MA 414 Algebraic Structures	3	Writing not transferable			even Springs
MA 431 Quantitative Methods/Bus. Appl	3				even Falls
MA 435 Probability Theory	3				Springs
MA 442 Numerical Analysis Using Computer	3				odd Springs
MA 451 Advanced Calculus I	3				Falls
MA 452 *Advanced Calculus II	3				even Springs
MA 456 Advanced Math Problem Solving	3				even Falls
CS 201 Foundations of Computer Science	3	T			
EC 255 Macroeconomics	3	SP			
EC 256 Microeconomics	3	SP			
EN 120 Composition	3				
IS 101 Introduction Academic Community	1	transfers	(24+ credits) do Computer/Library Skills		
PE Physical Education activities	2				
F Fine and Performing Arts	3				
G Global Perspective	3				
H Historical Perspective	3				
L Literary Perspective	3				
P Philosophical Perspective	3				
S Scientific Perspective	3				
S-Lab Scientific Perspective	4				
SP Social & 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 Part I of Actuarial Examination has been passed. Students are encouraged to take a foreign language which will satisfy the **Global** Perspective. **Scientific** Perspectives must be completed by either taking courses in 2 different disciplines and taking **a S-Lab** 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. **Upper-division** Requirement is completed outside the major discipline. Neither the **Writing** course nor the **Integrative** Component can be satisfied with transfer credit; they must be taken at Plymouth.

_____ department evaluator

_____ Director of Curriculum Support