

Plymouth State College CURRICULUM PLANNING GUIDE with APPLICATION of TRANSFER CREDIT

BS MATHEMATICS 2001-2002

Student \_\_\_\_\_  
 SS# \_\_\_\_\_  
 Enrollment Date \_\_\_\_\_

Option: **Mathematical Computing**  
 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				Spring
MA 320 Discrete Mathematics	3				Falls
MA 330 Statistics II	3	Writing	not transferable		
MA 341 Num Methods Using Computer	3	Writing	not transferable		odd Falls
MA 351 Differential Equations	3				Falls
MA 354 Multivariable Calculus	4				Spring
MA Math elective above 410	3				
MA 435 Probability Theory	3				Spring
MA 442 Num Analysis Using Computer	3				odd Spring
MA 451 Advanced Calculus I	3				Falls
Applied Discipline Requirement: non-math course with prerequisite MA 230 or above	4				
CS 201 Foundations of Computer Science	3	T			
Minor in Computing:					
CS 215 Computer Hardware	4	T			Falls
CS 237 Programming in Java	4				
CS 238 Client/Server Programming	3				
CS 300/400 level elective*	3				
CS 300/400 level elective*	3				
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 and Psychological	3				
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Integrative Component	3		must be taken at PSC		
Electives	16				

\* CS 370 and CS 375 are recommended electives. 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 **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. Neither the **Writing** course nor the **Integrative** Component can be satisfied with transfer credit; they must be taken at Plymouth.