

Plymouth State University CURRICULUM PLANNING GUIDE with APPLICATION of TRANSFER CREDIT

BS MATHEMATICS 2005-2006

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

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

Plymouth Requirements	Credits	Gen Ed	Transfer Course (Title)	Credits	To Be Taken
MA 2300 Statistics I	3	MATH or QRCO			
MA 2550 Calculus I	4	QRCO			
MA 2560 Calculus II	4	QRCO			
MA 3110 Logic, Proofs and Axiomatic Systems	3	WRCO			Falls
MA 3120 Elements of Linear Algebra	3				Spring
MA 3200 Discrete Mathematics	3				
MA 3410 Numerical Methods Using the Computer	3	WRCO			Odd Falls
MA 3510 Differential Equations	3				Falls
MA 3540 Multivariable Calculus	4				Spring
MA 4350 Probability Theory	3				Spring
MA 4420 Numerical Analysis Using the Computer	3				Odd Spring
MA 4450 Seminar in Applied Mathematics	3				Odd Falls
MA 4510 Advanced Calculus I	3				Falls
Complete <b>one</b> of the following:	3				
MA 4310 Quantitative Methods with Business Applications *					Even Falls
MA 4520 Advanced Calculus II *					Even Spring
<i>Related Minor</i> - complete <b>one</b> Related Minor:	26 - 15				
Business Administration, Chemistry, Computing, Earth Science, Economics, Geography, Information Technology, Meteorology, Physics, Psychology					
EN 1200 Composition	3				
IS 1111 The First Year Seminar	3		Transfers entering with 24+ credits are excused from IS 1111.		
CTDI Creative Thought Direction	3				
CTDI Creative Thought Direction	3				
PPDI Past and Present Direction	3				
PPDI Past and Present Direction	3				
SIDI Scientific Inquiry Direction	3 - 4				
SIDI Scientific Inquiry Direction	3 - 4				
SSDI Self and Society Direction	3				
SSDI Self and Society Direction	3				
DICO Diversity Connection	3				
GACO Global Awareness Connection	3				
INCO Integration Connection	3				
Technology in the Discipline Connection -	3		Complete <b>one</b> of the following:		
CS 2010 Computing Fundamentals			TECO		
MA 2140 Elementary Functions			TECO		
MA 3230 Geometries			TECO		
WECO Wellness Connection	3				
Electives	6 - 15				

MA 4310 is required for students completing the Business Administration or Economics minor. MA 4520 is required for students selecting any other Related Minor.