Name:_____

APPLIED AND COMPUTATIONAL MATHEMATICS (BS)

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To qualify for a Bachelor of Science in Applied and Computational Mathematics, the student must achieve a grade of C or better on all required mathematics course. Courses may be counted toward both Major and General Requirements. However, no course may fulfill two categories of General Requirements. (If you use any course for both Major and General Requirements, be sure to count the credits only ONCE toward the degree total.)

COURSES REQUIRED	MINIMUM CREDITS	COURSES COMPLETED Subj.#:Course#	COMPLETED CREDITS SEM/YR		SENIOR REVIEW
FIRST YEAR					
UNIFIED CALCULUS I	4	640:121			
UNIFIED CALCULUS II	4	640:122			
ELEMENTS OF PHYSICS I and LAB	3,1	750:131, 133			
ELEMENTS OF PHYSICS II and LAB	3,1	750:132, 134			
SOPHOMORE YEAR					
PROGRAMMING FUND.	4	198:111			
UNIFIED CALCULUS III	4	640:221			
DISCRETE MATHEMATICS	3	640:237			
INTRO LINEAR ALGEBRA or LINEAR ALGEBRA	3	640:250 or 640:252			
JUNIOR YEAR					
OBJECT ORIENTED PROG.	3	198:113			
DATA STRUCTURES	3	198:213			
PROBABILITY AND STOCHASTIC PROCESSES	3	640:331			
ELEMENTARY DIFFERENTIAL EQUATIONS	3	640:314			
SENIOR YEAR					
NUMERICAL METHODS	3	198:481			
MATHMATICAL STATISTICS	3	960:481			
PARTIAL DIFFERENTIAL EQUATIONS AND BOUNDARY VALUE PROBLEMS	3	640:463			
APPLIED and COMP. MATH ELECTIVE Any Math and Computer Science courses at 300 level or higher	6				

Minimum Total Credits 57 **Actual Credits Completed** _____ **C=Complete**

TOTAL DEGREE CREDITS REQUIRED: 120 **TOTAL CREDITS COMPLETED:** _____

SENIOR REVIEW APPROVAL BY FACULTY ADVISOR: _____

DATE OF REVIEW: _____

STUDENT SIGNATURE AND DATE: _____