PHYSICS
COMPUTATIONAL PHYSICS OPTION

Name:_____

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MAJOR REQUIREMENTS 2003 - 2007

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		OFFICE SENIOR REVIEW
ELEMENTS OF PHYSICS I and LAB	4	750:131, 133			
ELEMENTS OF PHYSICS II and LAB	4	750:132, 134			
MECHANICS I: STATICS	3	750:253			
ELEMENTS OF MODERN PHYSICS	3	750:232			
ELECTRIC CIRCUITS I	3	750:233			
ELECTROMAGNETIC THEORY	3	750:301			
ELECTROMAGNETIC WAVES AND OPTICS	3	750:302			
ELECTRONICS AND LAB	4	750:307,311			
THERMAL PHYSICS I	3	750:351			
THERMAL PHYSICS II	3	750:352			
ANALYTICAL MECHANICS OR SOLID STATE PHYSICS	3	750:309 or 406			
PHYSICS COMPUTER LAB	3	750:354			
COMPUTATIONAL PHYSICS I	3	750:417			
COMPUTATIONAL PHYSICS II	3	750:418			
ADDITIONAL REQUIRED COURSES					
UNIFIED CALCULUS I	4	640:121			
UNIFIED CALCULUS II	4	640:122			
UNIFIED CALCULUS III	4	640:221			
ELEMENTARY DIFFERENTIAL EQUATIONS	3	640:314			
RECOMMENDED: COMPUTATIONAL ENGINEERING MATHEMATICS	6	640:363,364			
INTRODUCTION TO COMPUTER SCIENCE AND SOFTWARE LAB	4	198:111,112			
DISCRETE MATHEMATICS	4	640:237			
DATA STRUCTURES	4	198:113			

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

SENIOR REVIEW APPROVAL BY FACULTY ADVISOR:_____

DATE OF REVIEW: _____

C=Complete

YOUR SIGNATURE & DATE: _____

2005-2007