Name:_____ **PHYSICS, BA**

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MAJOR REQUIREMENTS 2013 -

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			
ELECTRIC CIRCUITS I	3	750:233			
ELEMENTS OF MODERN PHYSICS and LAB	3,1	750:232, 238			
ELECTROMAGNETIC THEORY	3	750:301			
ELECTROMAGNETIC WAVES AND OPTICS	3	750:302			
ELECTRONICS	3	750:307			
BIOPHYSICS	3	750:362			
THERMAL PHYSICS I	3	750:351			
CONDENSED MATTER AND MATERIALS PHYSICS	3	750:406			
ANALYTICAL MECHANICS	3	750-309			
RESEARCH IN PHYSICS	3,3	750:491,492			
ELEMENTS OF QUANTUM MECHANICS I	3	750-413			
METHODS OF MATERIALS CHARACTERIZATION	2	750-420			
MATHEMATICAL PHYSICS	3	750-463			
ADDITIONAL REQUIRED COURSES					
UNIFIED CALCULUS I	4	640:121			
UNIFIED CALCULUS II	4	640:122			
UNIFIED CALCULUS III	4	640:221			
DIFFERENTIAL EQUATIONS	3	640:314			

----OR----- (After 2013-2014, the OR will be removed)

MATHEMATICAL METHODS FOR SCIENTISTS I & II	3,3	640:468-469			
PROGRAMMING FUNDAMENTALS 198:111 AND SOFTWARE LAB 198:112 or INTRO. TO SCI. COMPUTING	4/3	198-111&112 -or- 750:140			
CHEMICAL PRINCIPLES I and LAB	4	160:115, 125			
CHEMICAL PRINCIPLES II and LAB	4	160:116, 126			

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

SENIOR REVIEW APPROVAL BY FACULTY ADVISOR:_____

DATE OF REVIEW: _____   C=Complete

YOUR SIGNATURE & DATE: _____   2013-