

Name: _____

COMPUTATIONAL AND INTEGRATIVE BIOLOGY

INTEGRATIVE OPTION, B. S. MAJOR REQUIREMENTS 2014 -

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			
PRINCIPLES OF CHEMISTRY I AND LAB	4	160:115, 125			
PRINCIPLES OF CHEMISTRY II AND LAB	4	160:116, 126			
GENERAL BIOLOGY I AND LAB	4	120:101, 107			
GENERAL BIOLOGY II AND LAB	4	120:102, 108			
UNIFIED CALCULUS I	4	640:121			
UNIFIED CALCULUS II	4	640:122			
PROGRAMMING FUNDAMENTALS	4	198:111			
OBJECT ORIENTED PROGRAMMING	3	198:113			
ORGANIC CHEMISTRY I AND LAB	5	160:335, 339			
ORGANIC CHEMISTRY II AND LAB	5	160:336, 340			
NUMERICAL METHODS	3	198:465			
MOLECULAR BIOLOGY AND LAB	4	120:305,306			
GENETICS AND LAB	4	120:307,308			
-OR- GENERAL PHYSIOLOGY AND LAB	4	120:341, 342			
THERMAL PHYSICS AND QUANTUM MECHANICS	6	750:351,413			
-OR- PHYSICAL CHEMISTRY I & II AND LABS	8	160:345-348			
INTRODUCTION TO STATISTICS	3	960:283			
MATHEMATICAL METHODS FOR SCIENTISTS I & II	6	640:468-469			
CAPSTONE COURSE I & II	4	121:491-492			
COURSES TO FILL ELECTIVE (NON-GENERAL EDUCATION) REQUIREMENTS					
ANY 300 OR 400 LEVEL COURSES FROM BIOLOGY, COMPUTER SCIENCE, MATHEMATICS, CHEMISTRY OR PHYSICS					

TOTAL DEGREE CREDITS REQUIRED : 120

TOTAL CREDITS COMPLETED: _____

SENIOR REVIEW APPROVAL BY FACULTY ADVISOR: _____

DATE OF REVIEW: _____

C=Complete

YOUR SIGNATURE & DATE: _____

2012-