

Name: _____

COMPUTATIONAL AND INTEGRATIVE BIOLOGY

MOLECULAR 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		
ELEMENTS OF MODERN PHYSICS AND LAB	4	750:232,238		
MOLECULAR BIOLOGY AND LAB	4	120:305,306		
GENERAL BIOCHEMISTRY I & II AND LABS	8	115:403,404, 407,408		
THERMAL PHYSICS AND QUANTUM MECHANICS -OR- PHYSICAL CHEMISTRY I & II AND LABS	6 8	750:351,413 160:345-348		
BIOPHYSICS	3	750:362		
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-