

Name: \_\_\_\_\_

**GENERAL SCIENCE**

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**MAJOR REQUIREMENTS 2009 - 2010**

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.) **A grade-point average of at least "C" (=2.0) in the major is required.**

<u>A. COURSES REQUIRED</u>	<u>MINIMUM CREDITS</u>	<u>COURSES COMPLETED</u> <u>Subj.#: Course #</u>	<u>COMPLETED CREDITS SEM/YR</u>	<u>OFFICE SENIOR REVIEW</u>
GENERAL BIOLOGY I and Lab	4	120:101, 107	_____	_____
GENERAL BIOLOGY II and Lab	4	120:102, 108	_____	_____
CALCULUS FOR LIFE SCIENCES <u>OR</u> UNIFIED CALCULUS	3 or 4	640:130 or 640:121	_____	_____
CHEMICAL PRINCIPLES I and Lab	4	160:115, 125	_____	_____
CHEMICAL PRINCIPLES II and Lab	4	160:116, 126	_____	_____
INTRO TO COMPUTING FOR ENGINEERS & SCIENTISTS <u>OR</u> PROGRAMMING METHODS & SOFTWARE LAB I	3 3+1	198:105 198:111 & 198:112	_____	_____
INTRODUCTION TO THE EARTH	3	460:101	_____	_____
GEN. PHYSICS I and Lab <u>OR</u> ELEM. PHYSICS I and Lab	4	750:203, 205 or 131, 133	_____	_____
GEN. PHYSICS II and Lab <u>OR</u> ELEM. PHYSICS II and Lab	4	750:204,206 or 132, 134	_____	_____
ELEM. APPLIED STATISTICS <u>OR</u> INTRO. STATISTICS I (Credit will not be given for <u>both</u> 960:183 and 960:283)	3	960:183 or 283	_____	_____

**B. EACH STUDENT MUST SELECT ONE OF THE FOLLOWING AREAS:**

1. BIOLOGY AREA: 3 upper level courses (of at least 3 credits, 200 level or above) *OR*
2. CHEMISTRY AREA: 3 upper level courses in chemistry (of at least 3 credits, 200 level or above) *OR*
3. PHYSICS AREA: 3 upper level courses in physics (of at least 3 credits, 200 level or above) *OR*
4. MATHEMATICS AREA: UNIFIED CALCULUS II 640:122 and two other Math Department courses at the 200 level or above *OR*
5. COMPUTER SCIENCE AREA: MATHEMATICAL FUNDAMENTALS OF COMPUTER SCIENCE 198:171 and any two computer science courses that require Programming Fundamentals 198:111 as a prerequisite).

_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

**C. FOUR ADDITIONAL COURSES OUTSIDE THE AREA SELECTED IN PART B**

Each student must complete four (4) additional courses of at least 3 credits at the 200 level or above (except as noted below), chosen from outside the area selected in part B, above. These include any combination of courses in the natural sciences (astronomy, biological sciences, chemistry, geology, and physics), mathematics (including UNIFIED CALCULUS II 640:122), statistics, and computer science (including MATHEMATICAL FUNDAMENTALS OF COMPUTER SCIENCE 198:171 or any computer science course that requires Programming Fundamentals 198:111 as a prerequisite). (All of the chosen courses must be outside the area selected in part B.)

_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Minimum Total Credits \_\_\_\_\_ Actual Credits Completed \_\_\_\_\_

TOTAL DEGREE CREDITS REQUIRED : 120 TOTAL CREDITS COMPLETED: \_\_\_\_\_

SENIOR REVIEW APPROVAL BY FACULTY ADVISOR: \_\_\_\_\_

DATE OF REVIEW: \_\_\_\_\_

YOUR SIGNATURE & DATE: \_\_\_\_\_

C=Complete

2008-2009