

Name: _____

GENERAL SCIENCE (B.A.)

MAJOR REQUIREMENTS 2019

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>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- Laboratory	<u>4</u>	<u>120:101, 107</u>	_____	_____	_____
General Biology II -AND- Laboratory	<u>4</u>	<u>120:102, 108</u>	_____	_____	_____
Calculus for Life Science <u>-OR-</u> Unified Calculus	<u>3 -OR- 4</u>	<u>640:130 -OR- 640:121</u>	_____	_____	_____
Chemical Principles I -AND- Laboratory	<u>4</u>	<u>160:115, 125</u>	_____	_____	_____
Chemical Principles II -AND- Laboratory	<u>4</u>	<u>160:116, 126</u>	_____	_____	_____
Introduction to Scientific Computing -OR- Programming Methods -AND- Software Laboratory I	<u>3 -OR- 4</u>	<u>750:140 -OR- 198:111-112</u>	_____	_____	_____
Introduction to the Earth	<u>3</u>	<u>460:101</u>	_____	_____	_____
Elements of Physics I -OR- General Physics I -AND- Laboratory	<u>4</u>	<u>750:131-OR-203, 133</u>	_____	_____	_____
Elements of Physics II -OR- General Physics II -AND- Laboratory	<u>4</u>	<u>750:132-OR-204, 134</u>	_____	_____	_____
Elem. Applied Statistics -OR- Intro. Statistics I (credit will not be given for both 960:183 -AND- 960:283)	<u>3</u>	<u>960:183 -OR- 283</u>	_____	_____	_____

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

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, astronomy, or geology (of at least 3 credits, 200 level or above) *OR*
4. MATHEMATICS AREA: UNIFIED CALCULUS II (640:122) and two other Math Department course 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. EIGHT CREDITS TO BROADEN BACKGROUND

Each student must complete 8 additional credits of coursework in the sciences or mathematics where at least 5 credits come from courses at 300 or above.

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

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
2019