

NAME: \_\_\_\_\_

ID#: \_\_\_\_\_

DATE: \_\_\_\_\_

**UNIVERSITY**

- Refer to the SU catalog for approved prerequisites and General Education courses.
- Requirements may not equal 120 credit hours. Students must register for additional electives to complete 120 credits required for graduation.
- All graduates must have a minimum of 30 credits of 300/400-level courses with C grade or above; at least 15 of those credits must be taken at SU.
- Students must have a minimum cumulative GPA of 2.0 for graduation.
- Students must complete at least 30 credit hours by direct classroom instruction and/or laboratory experience.
- Students must take 30 of the last 37 credit hours at SU.
- It is the student's responsibility to satisfy graduation requirements. Please refer to the SU catalog for detailed major requirements.
- Students must apply online for graduation by November 15 for May and by May 15 for December.

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A. ENGL103 (C or better) or HONR 111

BIOL360 - Genetic Analysis	4	_____	_____
BIOL370 - Molecular Genetics	4	_____	_____
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BIOL201** - Marine Zoology	4	_____	_____
BIOL202(lec)/203(lab)** - Marine Botany	4	_____	_____
BIOL401 - Wetland Ecology	4	_____	_____
BIOL410 - Estuarine Biology	3	_____	_____
ENVS202(lec)/204(lab)** - Oceanography	4	_____	_____
ENVS221(lec)/222(lab)** - Principles of Environmental Science	4	_____	_____
ENVS403(lec)/405(lab)** - Marine Exotoxicology	4	_____	_____
ENVS460** - Earth Science	3	_____	_____
** UMES courses; C or better is required.			
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CHEM121*** - General Chemistry I	4	_____	_____
CHEM122*** - General Chemistry II	4	_____	_____
CHEM221 - Organic Chemistry I	4	_____	_____
PHYS121 - General Physics I	4	_____	_____
PHYS123 - General Physics II	4	_____	_____
MATH155 - Modern Statistics with Computer Analysis	3	_____	_____
*** A C or better is required in CHEM121 and 122 before taking any courses for which they are a prerequisite and as a requirement for graduation.			
GEOG104 - Earth and Space Science	4	_____	_____
GEOG105 - Introduction to Physical Geography	4	_____	_____
GEOG219 - Map Analysis and Interpretation	4	_____	_____
MATH198 - Calculus for Biology and Medicine	4	_____	_____
MATH201 - Calculus I	4	_____	_____
MATH202 - Calculus II	4	_____	_____
	3/4	_____	_____

(environmental elective – choose 1 from:  
 GEOG 311, 316, 319, 321, 325, 401, 402; GEOL 405; BIOL 433)

# U I U U U I

\* This is a suggested curriculum guide. The exact sequence of courses may differ: some courses may be taken during semesters other than indicated. Consult with your academic advisor for the best courses to take each semester.

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BIOL210 - Biology: Concepts & Methods	4
CHEM121 - General Chemistry I	4
General Education Group IIIA	4
HIST101, 102, or 103	4
BIOL212 - Introduction to Plant Biology	4
CHEM122 - General Chemistry II	4
GEOG104 - Earth and Space Science	
or	
GEOG105 - Introduction to Physical Geography	
or	
GEOG219 - Map Analysis and Interpretation	3/4
PHEC106 - Personalized Health/Fitness	3

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BIOL360 - Genetic Analysis	
or	
BIOL370 - Molecular Genetics	4
MATH198 - Calculus for Biology and Medicine	
or	
MATH201 - Calculus I	4
PHYS121 - General Physics I	4
Literature course (from either ENGL or MDFL Depts.)	4
BIOL310 - Ecology	4
MATH155 - Modern Statistics with Computer Analysis	3
PHYS123 - General Physics II	4
HIST101, 102, 103 or a HIST course above 103	4

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BIOL213 - Zoology	4
CHEM221 - Organic Chemistry I	4
BIOL202(lec)/203(lab) - Marine Botany <sup>F</sup>	4
ENVS202(lec)/204(lab) - Oceanography <sup>F</sup>	4
BIOL350 - Cell Biology	4
ENGL103 - Composition and Research	4
BIOL201 - Marine Zoology <sup>S</sup>	4
ENVS221(lec)/222(lab) - Principles of Environmental Science <sup>S</sup>	4

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ENVS403(lec)/405(lab) - Marine Exotoxicology <sup>F</sup>	4
MATH202 - Calculus II	
or	
Environmental Elective	3/4
BIOL401 - Wetland Ecology <sup>F</sup>	4
BIOL410 - Estuarine Biology <sup>F</sup>	3
BIOL375 Evolution	3
ENVS460 - Earth Science <sup>S</sup>	3
General Education Group IIIB	4
General Education Group IIIC	4

## U U IV

<sup>F</sup> - Offered only in fall

<sup>S</sup> - Offered only in spring