



ELIZABETH CITY STATE UNIVERSITY

Curriculum Guide for Bachelor of Science Degree: Biology

ASSOCIATE OF ARTS DEGREE: *Universal General Education Transfer Component (UGETC)*

First two years (Freshman and Sophomore) to be completed at community college.

<u>Community College Course #</u>	<u>Hours</u>	<u>Community College Course Title</u>	<u>Elizabeth City State University Equivalency</u>	<u>Hours</u>	<u>Comments</u>
<u>English Composition</u>	<u>6 SHC</u>	<i>The following two English composition courses are required.</i>			
ENG 111	3 SHC	Writing and Inquiry	ENGL 102 Eng. Comp. & Grammar	3 SHC	
ENG 112	3 SHC	Writing/Research in the Disciplines	ENGL 103 Eng. Comp. & Vocab.	3 SHC	
<u>Social/ Behavioral Science</u>	<u>9 SHC</u>	<i>Select three courses from the following from at least two different disciplines.</i>			
HIS 111	3 SHC	World Civilizations I	HIST 140 World Civ. I	3 SHC	Must Complete HIST 140 or HIST 141.
HIS 112	3 SHC	World Civilizations II	HIST 141 World Civ. II	3 SHC	
HIS 131	3 SHC	American History I	HIST 255 American History to 1877	3 SHC	

HIS 132	3 SHC	American History II	HIST 256 American History Since 1877	3 SHC	
ECO 251 ECO 252 POL 120	3 SHC 3 SHC 3 SHC	Principles of Microeconomics Principles of Macroeconomics American Government	ECON 201 Prin. of Econ. I ECON 202 Prin. of Econ. II POLS 298 American National Government	3 SHC 3 SHC 3 SHC	Required by Major.
PSY 150 SOC 210	3 SHC 3 SHC	General Psychology Intro. to Sociology	PSY 212 General Psychology SOC 201 Intro. to Sociology	3 SHC 3 SHC	
Humanities/Fine Arts	9 SHC	<i>Select three courses from the following from at least two different disciplines.</i>			
<u>Communications</u> COM 231	3 SHC	Public Speaking	SPCH 314 Public Speaking	3 SHC	Required by Major. (Take either ART 111 or MUS 110) 1 semester hour used as an elective. Must Complete ENGL 201 or ENGL 202. Required by Major. (Take either ART 111 or MUS 110) 1 semester hour used as an elective.
<u>Humanities/Fine Arts</u> ART 111 ART 114 ART 115	3 SHC 3 SHC 3 SHC	Art Appreciation Art History Survey I Art History Survey II	ART 130 Art Appreciation	2 SHC	
ENG 231 ENG 232	3 SHC 3 SHC	American Literature I American Literature II	ENGL 201 World Literature I ENGL 202 World Literature II	3 SHC 3 SHC	
MUS 110 MUS 112	3 SHC 3 SHC	Music Appreciation Introduction to Jazz	MUS 135 Intro. to Music	2 SHC	
PHI 215 PHI 240	3 SHC 3 SHC	Philosophical Issues Introduction to Ethics	Social/Behavioral Science Elective	3 SHC	
Mathematics	3-SHC	<i>Select one course from the following.</i>			
MAT 143	3 SHC	Quantitative Literacy	MATH 114 Mathematics for Liberal Arts	3 SHC	

MAT 152	4 SHC	Statistical Methods I	STAT 251 Basic Statistics	3 SHC	
MAT 171	4 SHC	Pre-calculus Algebra	MATH 118 Pre-calculus	3 SHC	Required by Major.
Nat. Sci. & Math	4 SHC				
BIO 111	4 SHC	General Biology I	BIOL 101/101L General Biology for Majors/Lab	4 SHC	Required by Major.
Total UGETC Hours	31 SHC				
Additional GE Courses	11 SHC				
CHM 151 and CHM 152	4 SHC and 4 SHC	General Chemistry I And General Chemistry II	CHEM 101/101L General Chemistry/Lab CHEM 102/102L General Chemistry II/Lab	4 SHC 4 SHC	
	3 SHC	Social/Behavioral Science Elective	Social/Behavioral Science Elective	3 SHC	
Total General Education Hours Required	42 SHC				
Other Required Hours	17 SHC				
HEA 110	3 SHC	Personal Health and Wellness	HLTH 185 Health Concepts	2 SHC	
PE	1 SHC	Physical Activity	Physical Activity	1 SHC	
PHY 251	4 SHC	General Physics I/Lab	PHYS 181/181L General Physics Lab	4 SHC	
PHY 110/110A	4 SHC	Conceptual Physics and Lab	PHYS 182/182L General Physics II/Lab	4 SHC	

BIO 112	4 SHC	General Biology II	BIOL 102/102L General Biology II	4 SHC	Take both BIO 111 and BIO 112.
	1 SHC	Free Elective		1 SHC	
<u>Academic Transition</u>	<u>1 SHC</u>	<i>The following course is required.</i>			
ACA 122	1 SHC	College Transfer Course	UNIV 110 Freshman Seminar	1 SHC	Required by CAA.
<i>Total Semester Hours in Program</i>	<u>60 SHC</u>				

The Junior and Senior years will be completed at Elizabeth City State University.

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			<i><u>Semester 5: (15 credit hours)</u></i>		
			BIOL 210 Genetics/Lab	4 SHC	Major Requirement.
			BIOL 220 General Zoology/Lab	4 SHC	Major Requirement.
			CHM 301/Lab Organic Chemistry I/Lab	4 SHC	Related Area Course Requirement.
			300/400 Biology Elective	3 SHC	
			<i><u>Semester 6: (15 credit hours)</u></i>		
			BIOL 221 General Botany/Lab	4 SHC	Major Requirement.
			BIOL 341 Microbiology/Lab	4 SHC	Major Requirement.
			CHM 302/Lab Organic Chemistry II/Lab	4 SHC	Related Area Course Requirement.
			Free Elective	3 SHC	
			<i><u>Semester 7: (15 credit hours)</u></i>		
			CHEM 401/Lab Biochemistry	4 SHC	Related Area Course Requirement.
			BIOL 304 Organic Evolution	3 SHC	Major Requirement.
			BIOL 352 Molecular Biology/Lab	4 SHC	Major Requirement.
			BIOL 307 Human Physiology/Lab	4 SHC	Major Requirement.

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			<i>Semester 8: (15 credit hours)</i>		
			BIOL 300 General Ecology/Lab	4 SHC	Major Requirement.
			BIOL 486 Science Comm./Capstone	3 SHC	Major Requirement.
			BIOL 487 Stat. Appl. In Sciences	4 SHC	Major Requirement.
			BIOL 300/400 Elective	4 SHC	Biology Elective Major Requirement.
			<u>Total ECSU Semester Credit Hours Completed</u>	<u>60 SHC</u>	
			<u>Total Semester Credit Hours Completed for Degree</u>	<u>120 SHC</u>	
			Reviewed by: Dr. Gloria Payne		2-6-2018