

Felician University		Hudson County Community College	
B.S. Biology		A.S. Biology	
Course*	Credit	Course	Credit
<b>General Education (47-49 credits)</b>			
UNIV 250	1		
GECC 1 - Faith and Reason (100/200)	3		
GECC 1 - Faith and Reason (300/400)	3		
GECC 2 - Ethics, Values, Truth	3		
GECC 3 - Communication (ENG 101)	3	ENG 101 College Composition I	3
GECC 3 - Communication (COMM 103)	3	ENG 102 College Composition II	3
GECC 4 - Critical & Analytical Thinking	3		
GECC 4 - Critical & Analytical Thinking	3		
GECC 5 - Info Literacy (ENG 102 & LS-100)	4		
GECC 6 - Technological Acumen (requirement met in major)	4		
GECC 7 - Quantitative & Scientific Reasoning/Science (BIO 103)	4	BIO 115 Principles of Biology I	4
GECC 7 - Quantitative & Scientific Reasoning/Math (MATH 122)	3	MAT 110 Precalculus or MAT 111 Calculus I	4
GECC 8 - Global Consciousness (HIST 101)	3		
GECC 8 - Global Consciousness (SOC 104)	3	SOC 101 Introduction to Sociology	3
GECC 9 - Liberal Arts Concentration 1 (CS 101)	3		
GECC 9 - Liberal Arts Concentration 2	3	PSY 101 Introduction to Psychology	3
GECC 9 - Liberal Arts Concentration 3	3	HUM 101 Cultures and Values	3
<b>Major Requirements</b>			
<b>Required Biology Courses</b>			
BIO 104 - General Biology II	4	BIO 116 Principles of Biology II	4
BIO 202 - Microbiology	4		
BIO 405 - Genetics	4		
BIO 409 - Biology Seminar	1		
BIO 450 - Undergrad Research in Biology I	2		
BIO 451 - Undergrad Research in Biology II	2		
<b>Related Requirements</b>			
CHEM 103 - General Chemistry I	4	CHP 111 College Chemistry I	4
CHEM 104 - General Chemistry II	4	CHP 211 College Chemistry II	4
CHEM 201 - Organic Chemistry I	4		
CHEM 202 - Organic Chemistry II	4		
MATH 160 - College Algebra	4		
MATH 161 - Precalculus	4		
PHYS 103 - General Physics I	4	PHY 113 Physics I	4
PHYS 104 - General Physics II	4		
<b>Biology Electives (Complete 4 BIO electives from at least 3 categories)</b>			
<b>Category 1 - Structural Biology</b>			
BIO 205 - Anatomy and Physiology I	4	BIO 111 Anatomy and Physiology I	4
BIO 206 - Anatomy and Physiology II	4	Bio 211 Anatomy and Physiology II	4
BIO 304 - Histology	4	BIO 230 Histology	4
BIO 305 - Embryology	3		
<b>Category 2 - Health-Related Biology</b>			
BIO 307 - Pathophysiology	3		
BIO 308 - Virology	3		
BIO 309 - Parasitology	3		
BIO 403 - Immunology	4		
<b>Category 3 - Molecular Biology</b>			
BIO 312 - Cellular and Molecular Biology	4		
BIO 360 - Biochemistry I	4		
<b>Category 4 - Ecology/Evolutionary Biology</b>			
BIO 209 - Evolution	3		
BIO 306 - Ecology	4		
<b>General Electives</b>			
Elective 1	3	BIO 270 Cell Biology	4
Elective 2 (if needed)	2		
		BIO 250 Microbiology	4
		MAT 111 Calculus I	4
		MAT 112 Calculus II	4
		BIO 208 Ecology	4
		BIO 260 Molecular Biology	4
<b>TOTAL</b>	<b>120</b>		
*Felician courses listed are those that meet Felician requirements within each required distribution categories according to the 2021-2022 University Catalog			