

Felician University		Hudson County Community College	
B.A. Mathematics		A.S. Mathematics	
Course*	Credit	Couse	Credit
<b>General Education (52 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 201 College Composition II	3
GECC 4 - Critical & Analytical Thinking	4		
GECC 5 - Info Literacy (ENG 102 & LS-100)	4		
GECC 6 - Technological Acumen (CS 103)	3		
GECC 7 - Quantitative & Scientific Reasoning/Science (PHY 103)	4		
GECC 7 - Quantitative & Scientific Reasoning/Math (MATH 332)	3		
GECC 8 - Global Consciousness (HIST 101)	3		
GECC 8 - Global Consciousness (SOC 104)	3		
GECC 9 - Liberal Arts Concentration 1 (PSYC 101)	3		
GECC 9 - Liberal Arts Concentration 2 (CS 110)	3		
GECC 9 - Liberal Arts Concentration 3 (ENG 383)	3		
<b>Major Requirements</b>			
<b>Required Courses (34 credits)</b>			
MATH 161 - Precalculus		MAT 110 Precalculus	4
MATH 231 - Geometry I	3		
MATH 241 - Discrete Mathematics	3	CSC 113 Discrete Math	3
MATH 262 - Calculus I	4	MAT 111 Calculus I	4
MATH 263 - Calculus II	4	MAT 112 Calculus II	4
MATH 343 - Matrix Theory and Linear Algebra	4	MAT 215 Linear Algebra	3
MATH 364 - Calculus III	4	MAT 211 Calculus III	4
MATH 423 - Probability and Statistics	4		
MATH 495 - Senior Capstone in Mathematics	4		
<b>Required Electives (7-8 credits; choose two)</b>			
MATH 324 - Number Theory (recommended)	3		
MATH 434 - Abstract Algebra (recommended)	4		
MATH 365 - Differential Equations	4	MAT 212 Differential Equations	4
<b>Required Related Courses (8 credits)</b>			
PHYS 103 - General Physics I	4	PHY 113 Physics I	4
PHYS 104 - General Physics II	4	PHY 213 Physics II	4
<b>Free Electives (27 credits)</b>			
Free Elective	3		
Free Elective	3		
Free Elective	3		
Free Elective	3		
Free Elective	3		
Free Elective	3		
Free Elective	3		
Free Elective	3		
Free Elective	4		
<b>TOTAL</b>	<b>120</b>		<b>40</b>
*Felician courses listed are those that meet Felician requirements within each required distribution categories according to the 2021-2022 University Catalog			