CAROLINA UNIVERSITY

Program: Bachelor of Arts - Biology
Total Credit Hours Needed for Degree: 123
Maximum Transfer Credit Allowance: 90
Minimum Grade Requirement for Transfer: C

Carolina University Program Requirements	NC Community College Course Code	NC Community College Course Title	Credit Hours
General Education Core (36 Credit Hours) - must include the following:			
GC 111 - Precalculus Algebra (3 Credit Hours)	MAT 171	Precalculus Algebra	4
BG 110 - Biology I (3 Credit Hours)	BIO 111 (or BIO 110)	General Biology I	4
BG 210 - Biology II (3 Credit Hours)	BIO 112	General Biology II	4
GE 101 - English Composition I (3 Credit Hours)	ENG 111	Writing and Inquiry	3
GE 102 - English Composition II (3 Credit Hours)	ENG 112 (or ENG 113/114)	Writing/Research in the Disc	3
GT 103 - Learning & Technology (3 Credit Hours)			
BT 100 - Intro to Christianity (3 Credit Hours)			
Social Sciences Elective (3 Credit Hours)			
Social Sciences Elective (3 Credit Hours)			
Art/Humanity Elective (3 Credit Hours)			
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General Education Elective (3 Credit Hours)			
Professional Core (45 Credit Hours)			
BG 220 - Genetics (3 Credit Hours)	BIO 250	Genetics	4
BG 230 - Developmental Biology (3 Credit Hours)			
BG 250 - Zoology (3 Credit Hours)	BIO 130	Introductory Zoology	4
BG 310 - Microbiology with Lab (4 Credit Hours)	BIO 275	Microbiology	4
BG 320 - Introduction to Cell Biology (3 Credit Hours)	BIO 265	Cell Biology	4
BG 330 - Introduction to Molecular Biology (3 Credit Hours)			
BG 340 - Ecology (3 Credit Hours)	BIO 145	Ecology	4
BG 410 - Immunology (3 Credit Hours)			
CH 110 - General Chemistry I w/Lab (4 Credit Hours)	CHM 151	General Chemistry I	4
CH 115 - General Chemistry II w/Lab (4 Credit Hours)	CHM 152	General Chemistry II	4
GC 112 - Precalculus Trigonometry (3 Credit Hours)	MAT 172	Precalculus Trigonometry	4
GC 205 - Calculus I (3 Credit Hours)	MAT 271	Calculus I	4
GC 206 - Calculus II (3 Credit Hours)	MAT 272	Calculus II	4
MA 300 - Probability and Statistics (3 Credit Hours)	MAT 152	Statistical Methods I	4
Professional Electives (Choose 15 Credit Hours)			
6 Credit Hours must be 400-level or higher			
BG 240 - Plant Biology w/Lab (4 Credit Hours)	BIO 120	Introductory Botany	4
BG 350 - Human Genetics (3 Credit Hours)			
BG 360 - Anatomy and Physiology I w/Lab (4 Credit Hours)	BIO 168 (or BIO 163)	Anatomy and Physiology I	4
BG 399 - Special Topics in Biology (3 Credit Hours)			
BG 415 - Neurobiology I (3 Credit Hours)			
BG 420 - Biochemistry (3 Credit Hours)	CHM 132	Organic and Biochemistry	4
BG 430 - Neurobiology II (3 Credit Hours)			
BG 440 - Seminar in Biology (1 Credit Hour)			
BG 450 - Anatomy of Vertebrates (3 Credit Hours)			
BG 460 - Anatomy and Physiology II w/Lab (4 Credit Hours)	BIO 169	Anatomy and Physiology II	4
BG 470 - Lab methods in MolecularBiology (4 Credit Hours)			
BG 480 - Research Statistical Methods for Biological Sciences (3 Credit Hours)			
CH 210 - Organic Chemistry I w/Lab (4 Credit Hours)	CHM 251	Organic Chemistry I	4
CH 215 - Organic Chemistry II w/Lab (4 Credit Hours)	CHM 252	Organic Chemistry II	4
PH 310 - Public Health Biology (3 Credit Hours)			

PH 315 - Public Health Biology II (3 Credit Hours)			
PY 210 - General Physics I w/Lab (4 Credit Hours)	PHY 251 (or PHY151)	General Physics I	4
PY 215 - General Physics II w/Lab (4 Credit Hours)	PHY 252 (or PHY 152)	General Physics II	4
Free Electives (27 Credit Hours)			