

FOUR-YEAR PATHWAY PLAN



North Carolina Community College to Chowan University A.A. or A.S. to B.A. or B.S.

Biology, Pre-Professional, B.S.

NCCCS FIRST YEAR		
Fall Semester	SHC	
ACA 122 – College Transfer Success	1	
ENG 111 – Writing & Inquiry	3	
Social/Behavioral Sciences (Any)	3	
COMM 231 – Public Speaking	3	
Elective	3	
Elective	3	
Total SHC	16	
Spring Semester	SHC	
ENG 112 – Writing/Research in the Disciplines	3	
Communications/Humanities/Fine Arts (Any)	3	
Social/Behavioral Sciences (Any)	3	
CIS 110 – Introduction to Computers	3	
Elective	3	
Total SHC	15	
NCCCS SECOND YEAR		
Fall Semester	SHC	
Communications/Humanities/Fine Arts (Any)	3	
MAT 171 – Precalculus Algebra	4	
BIO 111 – General Biology I	4	
Elective	3	
Total SHC	14	
Spring Semester	SHC	
MATH (Any)	4	
BIO 112 – General Biology II	4	
Social Science/Behavioral Science,		
I I		
Humanities, Communications, or Fine		
Arts (Any)	3	
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Arts (Any)	_	

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CU THIRD YEAR	6116	
Fall Semester	SHC	
LS 201 – LitSphere	1	
REL 101 – Understanding the Bible	3	
Physics**	4	
BIOL 210 – Biological Evolution	3	
CHEM 101 – General Chemistry I	4	
Total SHC	15	
Spring Semester	SHC	
LS 202 – LitSphere	1	
Physics**	4	
CHEM 102 – General Chemistry II	4	
Cellular/Molecular, Organismal, or Ecology		
and Evolution*	4	
BIOL 325 – Introduction to Biochemistry	4	
Total SHC	17	
CU FOURTH YEAR		
Fall Semester	SHC	
Fall Semester BIOL 341 - Microbiology	SHC 4	
BIOL 341 - Microbiology	4	
BIOL 341 - Microbiology Cellular/Molecular, Organismal, or Ecology		
BIOL 341 - Microbiology Cellular/Molecular, Organismal, or Ecology and Evolution*	4	
BIOL 341 - Microbiology Cellular/Molecular, Organismal, or Ecology and Evolution* Cellular/Molecular, Organismal, or Ecology	4	
BIOL 341 - Microbiology Cellular/Molecular, Organismal, or Ecology and Evolution* Cellular/Molecular, Organismal, or Ecology and Evolution*	4 4	
BIOL 341 - Microbiology Cellular/Molecular, Organismal, or Ecology and Evolution* Cellular/Molecular, Organismal, or Ecology and Evolution* CHEM 275 – Organic Chemistry I	4 4 4	
BIOL 341 - Microbiology Cellular/Molecular, Organismal, or Ecology and Evolution* Cellular/Molecular, Organismal, or Ecology and Evolution* CHEM 275 – Organic Chemistry I Elective	4 4 4 4 2	
BIOL 341 - Microbiology Cellular/Molecular, Organismal, or Ecology and Evolution* Cellular/Molecular, Organismal, or Ecology and Evolution* CHEM 275 – Organic Chemistry I Elective Total SHC	4 4 4 4 2 14	
BIOL 341 - Microbiology Cellular/Molecular, Organismal, or Ecology and Evolution* Cellular/Molecular, Organismal, or Ecology and Evolution* CHEM 275 – Organic Chemistry I Elective Total SHC Spring Semester CHEM 276 – Organic Chemistry II BIOL 401 - Genetics	4 4 4 2 14 SHC	
BIOL 341 - Microbiology Cellular/Molecular, Organismal, or Ecology and Evolution* Cellular/Molecular, Organismal, or Ecology and Evolution* CHEM 275 – Organic Chemistry I Elective Total SHC Spring Semester CHEM 276 – Organic Chemistry II	4 4 4 2 14 SHC	
BIOL 341 - Microbiology Cellular/Molecular, Organismal, or Ecology and Evolution* Cellular/Molecular, Organismal, or Ecology and Evolution* CHEM 275 - Organic Chemistry I Elective Total SHC Spring Semester CHEM 276 - Organic Chemistry II BIOL 401 - Genetics BIOL 491 - Senior Seminar or BIOL 492 - Directed Research or BIOL 493 -	4 4 4 2 14 SHC	
BIOL 341 - Microbiology Cellular/Molecular, Organismal, or Ecology and Evolution* Cellular/Molecular, Organismal, or Ecology and Evolution* CHEM 275 – Organic Chemistry I Elective Total SHC Spring Semester CHEM 276 – Organic Chemistry II BIOL 401 - Genetics BIOL 491 – Senior Seminar or BIOL 492 – Directed Research or BIOL 493 – Cooperative Internship Experience and	4 4 4 2 14 SHC	
BIOL 341 - Microbiology Cellular/Molecular, Organismal, or Ecology and Evolution* Cellular/Molecular, Organismal, or Ecology and Evolution* CHEM 275 - Organic Chemistry I Elective Total SHC Spring Semester CHEM 276 - Organic Chemistry II BIOL 401 - Genetics BIOL 491 - Senior Seminar or BIOL 492 - Directed Research or BIOL 493 -	4 4 4 2 14 SHC	
BIOL 341 - Microbiology Cellular/Molecular, Organismal, or Ecology and Evolution* Cellular/Molecular, Organismal, or Ecology and Evolution* CHEM 275 – Organic Chemistry I Elective Total SHC Spring Semester CHEM 276 – Organic Chemistry II BIOL 401 - Genetics BIOL 491 – Senior Seminar or BIOL 492 – Directed Research or BIOL 493 – Cooperative Internship Experience and	4 4 4 2 14 SHC	
BIOL 341 - Microbiology Cellular/Molecular, Organismal, or Ecology and Evolution* Cellular/Molecular, Organismal, or Ecology and Evolution* CHEM 275 – Organic Chemistry I Elective Total SHC Spring Semester CHEM 276 – Organic Chemistry II BIOL 401 - Genetics BIOL 491 – Senior Seminar or BIOL 492 – Directed Research or BIOL 493 – Cooperative Internship Experience and BIOL 494 – Cooperative Internship	4 4 4 2 14 SHC 4	

^{*}At least 4 credit much come from at least two of the categories. At least 2 courses must have a lab component and at least 4 credit hours must come from 300 or 400-level courses.

^{**}PHYS 101 (General) and or PHYS 102 (General) or PHYS 203 (Advanced General) or PHYS 204 (Advanced General)

NCCCS Total SHC	60
CU Total SHC	60-61
Total	120-121