

BACCALAUREATE DEGREE PLAN

Associate in Science (AS) to Bachelor of Biology - Molecular Biology/Biotechnology Concentration Degree

North Carolina Community College Course		Specific Course Required	Elizabeth City State University Course	
	<i>Course credit</i>			<i>Course credit</i>
ENG 111 Writing and Inquiry	3 SHC		ENGL 102 Composition I	3 SHC
ENG 112 Writing/Resarch in the Disciplines	3 SHC		ENGL 103 Composition II	3 SHC
Communications/Humanities/Fine Arts (from m	6 SHC		Humanities and Fine Arts A or B	2-3 SHC
		ENG 231 American Literature I or ENG 232 American Literature II or ENG 241 British Literature I or ENG 242 British Literature II	ENGL 201/202 World Literature I/II	3 SHC
Social Behavioral Sciences (must come from at least two areas)	6 SHC		Social and Behavioral Science A	3 SHC
			Social and Behavioral Science B	3 SHC
Mathematics	8 SHC	MAT 172 Precalculus Trigonometry	Natural Science and Mathematics A	3 SHC
			Elective or Focused Hours	4-5 SHC
Natural Sciences	8 SHC	CHM 131/131A Introduction to Chemistry 1/Lab	Natural Science and Mathematics B	4 SHC
		CHM 136 Survey of Chemistry II or CHM 152 General Chemistry II	CHM 102/L General Chemistry II/Lab	4 SHC
Additional General Education Hours	11 SHC		Additional General Education Hours (includes additional hours from Humanities and Fine Arts B and Mathematics)	5 SHC
		BIOL 111 General Biology 1	BIOL 101 General Biology for Majors II/Lab	4 SHC

		BIOL 112 General Biology 2	BIOL 102 General Biology for Majors II/Lab (PR BIOL 101)	4 SHC
Other Required Hours	14 SHC	HEA 110 Personal Health &	HLTH 185 Health Concepts	2 SHC
	4	PHY 251 General Physics I	PHYS 181/L General Physics I & Lab	4 SHC
	4	PHY 252 General Physics II	PHYS 182/L General Physics II & Lab	4 SHC
BIOL 130 Introduction to Zoology	4		BIOL 220 Zoology/Lab (PR - BIOL 102)	4 SHC
ACA 122 College Transfer Success	1 SHC		UNIV 110 Freshman Seminar I	1 SHC
TOTAL SEMESTER HOURS	60-61 SHC		TOTAL SEMESTER HOURS	60-61 SHC
If take this at an NC Community College, it would satisfy the requirement in column D			COURSES TO BE TAKEN AT ECSU (prerequisite)	
			BIOL 210 Genetics/Lab (PR - BIOL 102)	4 SHC
BIO 120 Introduction to Botany	4		BIOL 221 Botany/Lab (PR - BIOL 102)	4 SHC
			BIOL 380 Cell Biology (PR - BIOL 102 and CHEM 302/302L)	3SHC
			BIOL 499 Biological Research (PR BIOL 220, BIOL 221 and CHEM 301/301L)	3 SHC
			CHEM 301/301L Organic Chemistry I/Lab (PR - CHEM 102/102L)	4 SHC
			CHEM 302/302L Organic Chemistry II/Lab (PR - CHEM 301/301L)	4 SHC
			BIOL 341 Microbiology/Lab (PR - BIOL 102)	4 SHC
			BIOL 352 Molecular Biology/Lab (PR - BIOL 102 and BIOL 221)	4 SHC
			BIOL 486 Scientific Com/Capstone (PR - Senior Classification)	3 SHC
			BIOL 487 Statistical App Nat Sci (PR - BIOL 102)	4 SHC

			CHEM 401 Biochemistry 1/Lab (PR - CHEM 301/301L)	3 SHC
			BIOL 300/400 electives	6 SHC
			CSC 115 Programming I (PR - ENGT 100)	4 SHC
			CSC 114 Computer Science	3 SHC
			General Electives	6 SHC
		PED Physical Education Activ	Physical Education Requirement	1 SHC
			Total Hours Taken at ECSU	60 SHC
			Total Hours to Degree	120 SHC

If you complete your AS at a North Carolina Community College, any General Education course that you have not taken that is required at Elizabeth City State University will be waived EXCEPT for those courses specified by the major program as required General Education courses.

Please note: The following ECSU General Education courses cannot be waived per the CAA: General education/cognate courses required for major, health, and physical education activity course. These courses are required for graduation from ECSU. Students may complete these courses as part of their AA or AS degree with a grade of C or higher and transfer credit to ESU to fulfill these course requirements.

Reviewed by:

Date of Review: