

BACCALAUREATE DEGREE PLAN

Associate in Arts (AA) to Bachelor of Biology - Molecular Biology/Biotechnology Concentration Degree

North Carolina Community College Course	<i>Course credit</i>	Specific Course Required	Elizabeth City State University Course	<i>Course credit</i>
ENG 111 Writing and Inquiry	3 SHC		ENGL 102 Composition I	3 SHC
ENG 112 Writing/Research in the Disciplines	3 SHC		ENGL 103 Composition II	3 SHC
Communications/Humanities/Fine Arts (from min 2 diff disc)	9 SHC		Humanities and Fine Arts A	3 SHC
			ENGL 201/202 World Literature I/II	3 SHC
			Humanities and Fine Arts B	2 SHC
Social Behavioral Sciences (must come from at least two areas)	9 SHC		Social and Behavioral Science A	3 SHC
			Social and Behavioral Science B	3 SHC
			Social and Behavioral Science B	3 SHC
Mathematics	3-4 SHC		Natural Science and Mathematics A	3 SHC
Natural Sciences	4 SHC	CHM 131/131A Introduction to Chemistry 1/Lab	Natural Science and Mathematics B	4 SHC
Additional General Education Hours	13-14 SHC		Additional General Education Hours (includes additional hours from Humanities and Fine Arts B and Mathematics)	7 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	CHM 136 Survey of Chemistry II or CHM 152 General Chemistry II	CHM 102/L General Chemistry II/Lab	4 SHC
		HEA 110 Personal Health &	HLTH 185 Health Concepts	2 SHC
		PHY 251 General Physics I	PHYS 181/L General Physics I & Lab	4 SHC
		PHY 252 General Physics II	PHYS 182/L General Physics II & Lab	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
BIOL 130 Introduction to Zoology	4		BIOL 220 Zoology/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	3 SHC
			CSC 115 ProgrammingI (PR - ENGT 100)	4 SHC
			CSC 114 Computer Science	6 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:

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