

BACCALAUREATE DEGREE PLAN
Associate in Arts (AA) to Bachelor of Chemistry Degree

North Carolina Community College Course	Course credit	Specific Community College Course	Elizabeth City State University Course	Course credit	
ENG 111 Writing and Inquiry	3 SHC		ENGL 102 Composition I	3 SHC	3
ENG 112 Writing/Research in the Disciplines	3 SHC		ENGL 103 Composition II	3 SHC	3
Communications/Humanities/Fine Arts (from min 2 diff disc)	9 SHC	COM 231 Public Speaking	Humanities and Fine Arts A	3 SHC	3
		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	3
			Humanities and Fine Arts B	2 SHC	2
Social Behavioral Sciences (must come from at least two areas)	9 SHC		Social and Behavioral Science A	3 SHC	3
		PSY 150 General Psychology	Social and Behavioral Science B	3 SHC	3
			Social and Behavioral Science B	3 SHC	3
Mathematics	4 SHC	MAT 271 Calculus I	MATH 165 Calculus and the Single Variable I (PR - MATH 118 Precalculus)	4 SHC	4
Natural Sciences	4 SHC	CHEM 131/131A Intro to Chemistry I/Intro to Chemistry I Laboratory	Natural Science and Mathematics B	4 SHC	4
Additional General Education Hours	13 SHC	PHYS 251 General Physics I	PHYS 181/181L General Physics I/Lab (PR MATH 115 or higher)	4 SHC	4
		BIO 111 General Biology I	BIOL 101 General Biology I/lab	4 SHC	4
		BIOL 112 General Biology II	BIOL 102 General Biology for Majors II (PR - BIOL 101)	4 SHC	4
			Additional General Education hours including additional hour from Humanities and Fine Arts B if applicable	2 SHC	2
Other Required Hours	14 SHC		Elective or Focused Hours	3 SHC	3
		PHY 151 College Physics 1	PHYS 191/181L University Physics I/Lab	4 SHC	4
		PHY 152 College Physics 2	PHYS 192/182L University Physics II/Lab	4 SHC	4

		HEA 110 Personal Health & Wellness	HLTH 185 Health Concepts	2 SHC	2
		PED Physical Education Activity Course	Physical Education Requirement	1 SHC	1
ACA 122 College Transfer Success	1 SHC		UNIV 110 Freshman Seminar I	1 SHC	1
TOTAL SEMESTER HOURS	60-61 SHC		TOTAL SEMESTER HOURS	60-61 SHC	15
If take this at an NC Community College, it would satisfy the requirement in column D			COURSES TO BE TAKEN AT ECSU (prerequisite)		
			Free Electives	8 SHC	8
			MATH 265 Calculus II	4 SHC	4
			CHEM 200 Additional Topics in General Chemistry	3 SHC	3
			CHEM 202 Quantitative Analysis	2 SHC	2
			CHEM 202 Quantitative Analysis Laboratory	2 SHC	2
			CHEM 205/L Inorganic Chemistry/Lab	4 SHC	4
			CHEM 301/301L Organic Chemistry I/Lab (PR - CHEM 102/102L)	4 SHC	4
			CHEM 302/302L Organic Chemistry II/Lab (PR - CHEM 301/301L)	4 SHC	4
			CHEM 350 Chemistry Seminar	1 SHC	1
			CHEM 401 Biochemistry 1/Lab (PR - CHEM 301/301L)	4 SHC	4
			CHEM 403 Physical Chemistry	3 SHC	3
			CHEM 403 Physical Chemistry Laboratory	1 SHC	1
			CHEM 405 Instrumental Methods of Chemical Analysis	2 SHC	2
			CHEM 405 Instrumental Methods of Chemical Analysis Laboratory	2 SHC	2
			CHEM 450 Chemistry: An Integrated Approach	3 SHC	3
			CHEM 499 Chemical Research	2 SHC	2
			Chemistry Electives - Select 11 credits	11 SHC	11
			CHEM 402 Biochemistry II (3 cr PR -)	3 SHC	
			CHEM 402L Biochemistry II Laboratory (1cr PR -)	1 SHC	

			CHEM 404 Physical Chemistry (3 cr PR-)	3 SHC
			CHEM 404 Physical Chemistry Laboratory (1 cr PR-)	1 SHC
			CHEM 407 Applied Biochemistry (4cr PR-)	4 SHC
			CHEM 425 Selected topics in Organic Chemistry (4cr PR-)	4 SHC
			CHEM 430 Introduction to Medicinal Chemistry (3 cr PR-)	3 SHC
			CHEM 435 Special Topics in Physical Chemistry (3 cr PR -)	3 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, exercise, foreign language (if required for major). 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: