

BACCALAUREATE DEGREE PLAN
Associate in Science (AS) to Bachelor of Chemistry 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/Research in the Disciplines	3 SHC		ENGL 103 Composition II	3 SHC
Communications/Humanities/Fine Arts (from m	6 SHC	COM 231 Public Speaking	Humanities and Fine Arts A or B	3 SHC
			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
		PSY 150 General Psychology	Social and Behavioral Science B	3 SHC
Mathematics	8 SHC	MAT 172 Precalculus Trigonometry	Natural Science and Mathematics A	3 SHC
		MAT 271 Calculus I	MATH 165 Calculus and the Single Variable I (PR - MATH 118)	4 SHC
Natural Sciences	8 SHC	CHEM 131/131A Intro to Chemistry I/Intro to Chemistry I Laboratory	Natural Science and Mathematics B	4 SHC
		CHM 136 Survey of Chemistry II or CHM 152 General Chemistry II	Elective or Focused Hours	4 SHC
Additional General Education Hours	11 SHC	PHYS 251 General Physics I	PHYS 181/181L General Physics I/Lab (PR MATH 115 or higher)	4 SHC
		BIO 111 General Biology I	BIOL 101 General Biology I/lab	4 SHC
		BIOL 112 General Biology II	BIOL 102 General Biology for Majors II (PR 4 SHC - BIOL 101)	4 SHC
Other Required Hours	14 SHC		Additional General Education hours including additional hour from Mathematics and Humanities and Fine Arts B if applicable	2 SHC

		PHY 151 College Physics 1	PHYS 191/181L University Physics I/Lab	4 SHC
		PHY 152 College Physics 2	PHYS 192/182L University Physics II/Lab	4 SHC
		HEA 110 Personal Health & Wellness	HLTH 185 Health Concepts	2 SHC
		HEA 110 Personal Health & Wellness	HLTH 185 Health Concepts	2 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)	
		PED Physical Education Activity Course	Physical Education Requirement	1 SHC
			Free Elective Credits	6 SHC
		PED Physical Education Activity Course	Physical Education Requirement	1 SHC
MAT 272 Calculus II			MATH 265 Calculus and the Single Variable II	4 SHC
			CHEM 200 Additional Topics in General Chemistry	3 SHC
			CHEM 202 Quantitative Analysis	2 SHC
			CHEM 202 Quantitative Analysis Laboratory	2 SHC
			CHEM 205/L Inorganic Chemistry/Lab	4 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
			CHEM 350 Chemistry Seminar	1 SHC
			CHEM 401 Biochemistry 1/Lab (PR -	4 SHC
			CHEM 403 Physical Chemistry	3 SHC
			CHEM 403 Physical Chemistry Laboratory	1 SHC

			CHEM 405 Instrumental Methods of Chemical Analysis	2 SHC
			CHEM 405 Instrumental Methods of Chemical Analysis Laboratory	2 SHC
			CHEM 450 Chemistry: An Integrated Approach	3 SHC
			CHEM 499 Chemical Research	2 SHC
			Chemistry Electives - Select 11 credits	11 SHC
			CHEM 402 Biochemistry II (PR -)	3 SHC
			CHEM 402L Biochemistry II Laboratory (PR -)	1 SHC
			CHEM 404 Physical Chemistry (PR-)	3 SHC
			CHEM 404L Physical Chemistry Laboratory (PR-)	1 SHC
			CHEM 407 Applied Biochemistry (PR-)	4 SHC
			CHEM 425 Selected topics in Organic Chemistry (PR-)	4 SHC
			CHEM 430 Introduction to Medicinal Chemistry (PR-)	3 SHC
			CHEM 435 Special Topics in Physical Chemistry (PR -)	3 SHC
			Total Credits at ECSU	60 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: