

BACCALAUREATE DEGREE PLAN
Associate in Science (AS) to BS in Pharmaceutical Science

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	SPA 111 Elemenatary Spanish I OR SPA 211 Intermediate Spanish I	Humanities and Fine Arts A	3 SHC
			ENGL 201/202 World Literature I/II or Humanities and Fine Arts B	2-3 SHC
Social Behavioral Sciences (must come from at least two disciplines)	6 SHC	PSY 150 General Psychology	Social and Behavioral Science A	3 SHC
		SOC 210 Introduction to Sociology	Social and Behavioral Science B	3 SHC
Mathematics	8 SHC	MAT 271 Calculus I	Natural Science and Mathematics A	4 SHC
			Elective or Focused Hours	4 SHC
Natural Sciences	8 SHC	CHM 151 General Chemistry I	Natural Science and Mathematics B	4 SHC
		CHM 152 General Chemistry II/L	CHEM 102/L General Chemistry II/L (CHEM 101/L)	4 SHC
Additional General Education Hours	11 SHC		Additional General Education Hours (inc	4 SHC
		BIO 111 General Biology I	BIOL 101 General Biology for Majors I	4 SHC
		BIO 112 General Biology II	BIOL 102 General Biology for Majors II (BIOL 101)	4 SHC
Other Required Hours	14 SHC	HEA 110 Personal Health &	HLTH 185 Health Concepts	2 SHC
		CHM 152 General Chemistry II/L	CHEM 102/L General Chemistry II/L (CHEM 101/L)	4 SHC
		PHY 251 General Physics I	PHYS 181/L General Physics I/L (MATH 115)	4 SHC

		BIO 165 Anatomy & Physiology I	BIOL 215 Anatomy & Physiology (.BIOL 1	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)	
PED Physical Education Activity Course			Physical Education Requirement	1 SHC
			BIOL 341 Microbiology (BIOL 102)	4 SHC
			BIOL 487 Statistical Appl. In the Sci (BIOL 102)	3 SHC
			CHEM 301/L Organic Chemistry I/L (CHEM 102/L)	4 SHC
			CHEM 302/L Organic Chemistry II/L (CHEM 301/L)	4 SHC
			CHEM 401L Biochemistry I Lab (CHEM 301L)	1 SHC
			CHEM 430 Introduction to Med. Chemistry (CHEM 302/L)	3 SHC
			PHSC 201 Foundations of Pharmaceutical Science (BIOL 101 & CHEM 101	3 SHC
			PHSC 320/L Pharmaceutical Analysis/L (CHEM 301/L & PHSC 201)	4 SHC
			PHSC 403 Pharm. Biochem I (CHEM 301)	3 SHC
			PHSC 404 Pharm. Biochem II (PHSC 403)	3 SHC
			PHSC 422 Methods in Biotechnology/L (CHEM 401L & PHSC 403; Instructor's Approval)	4 SHC
			PHSC 470 Drug Disc. Dev. & Design (PHSC 403)	4 SHC

			PHSC 485 Principles of Pharmacology (BIOL 215 & PHSC 403)	3 SHC
			PHSC 498 Scientific Comm/Seminar (SR Classification & Instructor's Approval)	3 SHC
PHY 252 General Physics II			PHYS 182/L General Physics II/L (PHYS 181/L)	4 SHC
			Any PHSC 400 Level Courses (Core Electives)	5 SHC
			Free Electives	4 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: