

Associate in Science (AS) to BS in Biochemistry

	ECU Course	ECU S.H.	NCCCS Course Equivalent
Freshman Year at Community College			
Fall Semester	COAD 1xxx	1	ACA 122
	ENGL 1100 (WI)	3	ENG 111
	BIOL 1100, 1101	4	BIO 111
	CHEM 1150, 1151	4	CHM 151
	MATH 1065	3	MAT 171
	Total:	15	
Spring Semester	CHEM 1160, 1161	4	CHM 152
	BIOL 1200, 1201	4	BIO 112
	Social Science	3	UGETC Courses
	MATH 1083	3	MAT 172
	Total:	14	
Sophomore Year at Community College			
Fall Semester	MATH 2171	4	MAT 271
	ENGL 2201 (WI)	3	ENG 112
	CAA GEN ED	3	CAA GEN ED
	CHEM 2750/2753	4	CHM 251
	Total:	14	
Spring Semester	Humanities/Fine Arts	6	UGETC Courses
	Social Science	3	UGETC Courses
	MATH 2172	4	MAT 272
	CAA Premajor/Elective	2	CAA Premajor/Elective
	Total:	15	
Summer I	BIOL 2300	3	BIO 250
	Total:	3	
Junior Year at East Carolina University			
Fall Semester	PHYS 2350/1251	5	PHY 251/151
	CHEM 2760, 2763	4	CHM 252
	CHEM 2250/2251 (WI)	5	No Equivalent
	General Electives	2	No Equivalent
	Total:	16	
Spring Semester	PHYS 2360/1261	5	PHY 252/152
	MATH 2173	4	MAT 273
	CHEM 3950/3951 (WI)	5	No Equivalent
	General Electives	2	No Equivalent
	Total:	16	
Summer I	BIOL 3310, 3311	4	No Equivalent
	Total:	4	
Senior Year at East Carolina University			
Fall Semester	CHEM 3960/3961 (WI)	5	No Equivalent
	BIOL 4880	3	No Equivalent
	BIOL Electives	3	No Equivalent
	KINE 1000	1	PED 110
	General Electives	3	No Equivalent
	Total:	15	
Spring Semester	BIOL 4890/4891	4	No Equivalent
	BIOL Electives	3	No Equivalent
	HLTH 1000	2	HEA 110
	General Electives	3	No Equivalent
	Total:	12	
Minimum S.H. Required for Degree		126	

The purpose of the BS biochemistry degree program is to: prepare our students with the knowledge and confidence to apply the scientific method in biochemical research; train our students to communicate scientific discoveries in standard scientific formats; educate our students so they understand, and are able to apply, foundational biochemical concepts necessary for graduate education or a career in the biochemical sciences. *All guides are meant as an example of how a degree can be completed. However, individual plans will be developed for each student in consultation with the academic advisor. Course availability, prior credit, course prerequisites, major requirements, and student needs must be considered in developing the individual academic pathway.*