

Associate in Science (AS) to BS in Biology-Molecular/Cell

	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
	Social Science	3	UGETC Courses
	Humanities/Fine Arts	3	UGETC Courses
	BIOL 1200, 1201	4	BIO 112
	Total:	14	
Sophomore Year at Community College			
Fall Semester	BIOL 2300	4	BIO 250
	ENGL 2201 (WI)	3	ENG 112
	BIOL 2100, 2101	3	BIO 280
	Humanities/Fine Arts	3	UGETC Courses
	CAA GEN ED	3	CAA GEN ED
	Total:	16	
Spring Semester	BIOL 2250	3	BIO 145
	HLTH 1000	2	HEA 110
	MATH 2121	3	MAT 263
	Social Science	3	UGETC Courses
	Total:	11	
Junior Year at East Carolina University			
Fall Semester	MATH 2122	3	No Equivalent
	BIOL 3260	3	No Equivalent
	CHEM 2750, 2753	4	CHM 251
	Writing Intensive (WI) Course	3	ECU WI Courses
	KINE 1000	1	PED 110
	Total:	14	
Spring Semester	BIOL 3030	3	No Equivalent
	ENGL 3820 (WI)	3	No Equivalent
	CHEM 2760, 2763	4	CHM 252
	BIOL 3660, 3661	4	BIO 243
	Total:	14	
Summer Sessions¹	BIOL Electives	Varies	May have CC equivalents - see below
	Total:	TBD	
Senior Year at East Carolina University			
Fall Semester	BIOL Electives	Varies	May have CC equivalents - see below
	BIOL 3220, 3221	4	BIO 275
	BIOS 1500 or MATH 2228 or 2283	3	MATH 2228 = MAT 152
	PHYS 1250, 1251	4	PHY 151
	Total:	TBD	
Spring Semester	BIOL Elective 3000-4000	3	May have CC equivalents - see below
	BIOL Elective (Molecular/Cell)	Varies	May have CC equivalents - see below
	BIOL Electives	Varies	May have CC equivalents - see below
	PHYS 1260, 1261	4	PHY 152
	Total:	TBD	

Minimum S.H. Required for Degree 120

Choose 3 s.h. from Ecology/Evolution Track Electives

a. Organismal Diversity

BIOL 3070, 3071; 3150; 3230, 3231; 3240, 3241; 4400, 4500; 4600, 4601; 5070, 5071; 5150, 5151; 5200, 5201; 5220, 5221; 5230, 5231; 5550, 5551; 5640, 5641; 5950, 5951

b. Evolutionary/Ecological Processes

BIOL 3660, 3661 (BIO 243); 3740, 3741; 4130; 4200, 4201; 4205, 4240, 4250; 4300, 4301; 4320; 4740, 4741; 5260, 5261; 5270; 5600, 5601; 5680; GEOL 5300

Choose 12 s.h. from Molecular/Cell Biology Electives

BIOL 2100, 2101 (BIO 280); 3220,3221 (BIO 275); 3310, 3311; 3320, 3321; 4040; 4050, 4051; 4060, 4061; 4130; 4170; 4205; 4220; 4230; 4650; 4270; 4650; 4800; 4880; 4890, 4891; 5260, 5261; 5870; 5890; CHEM 2770 (CHM 271)

Choose 6 s.h. of any biology electives (at least 3 s.h. must be 3000-4000 level)

*Transferrable courses may count towards BIOL Electives.

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.