



Bachelor of Science in Biology
 Recommended 4-Year Course Sequence
 2018-2019 Catalog



FRESHMAN YEAR

Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
BIOL 1406		Biology for Science Majors I	4	BIOL 1407		Biology for Science Majors II	4
CHEM 1411		General Chemistry I	4	CHEM 1412		General Chemistry II	4
ENGL 1301		Composition I	3	ENGL 1302		Composition II	3
SPCH 1315/1321		Public Speaking OR Business & Prof Communication	3	EDUC 1300		Learning Frameworks	3
			14				14

SOPHOMORE YEAR

Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
MATH 2413		Calculus I	4	PHYS 1402		College Physics II	4
PHYS 1401		College Physics I	4	SOCI 1301/ECON 2301		Introduction to Sociology OR Principles of Macroeconomics	3
MUSI 1301/ARTS 1301		Music Appreciation OR Art Appreciation	3	PHIL 1301		Introduction to Philosophy	3
GOVT 2305		Federal Government	3	GOVT 2306		Texas Government	3
HIST 1301		United States History I	3	HIST 1302		United States History II	3
			17				16

JUNIOR YEAR

Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
	CHEM 3342/3143	Organic Chemistry I/Organic Chemistry I Laboratory	4		BIOL 3338	Biological Evolution	3
	BIOL 3336/3137	Ecology/Ecology Laboratory	4		BIOL 3334/3134	Cell Biology/Cell Biology Laboratory	4
	BIOL 3332/3133	Genetics/Genetics Laboratory	4		CHEM 3344/3145	Organic Chemistry II/Organic Chemistry II Laboratory	4
	BIOL 3339/3139	Plant Biology/Plant Biology Laboratory	4			Elective	3
			16				14

SENIOR YEAR

Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
	MATH 1342	Statistics	3		BIOL 4115	Scientific Communication II	1
	BIOL 4114	Scientific Communication I	1		BIOL	Group I, II or IV	4
	CHEM 4334/4135	Biochemistry I/Biochemistry I Laboratory	4		BIOL	Group I, II or IV	4
	BIOL	Group III	3			Elective	6
	BIOL	Group I, II or IV + Laboratory	4				
			14				15

Total Credit Hours at Tyler Junior College 61
 Total Credit Hours at UT Tyler 59
 Total Credit Hours 120