



Biology AS to Biology BS
 Recommended 4-Year Course Sequence
 2024-2025 Catalog



FRESHMAN YEAR

Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
ENGL 1301		Composition I	3	ENGL 1302		Composition II	3
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
MATH 2412		Precalculus	4	MATH 2413		Calculus I	4
			15				15

SOPHOMORE YEAR

Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
GOVT 2305		Federal Government	3	GOVT 2306		Texas Government	3
		*Human Expression Core	3	PHYS 1402		College Physics II	4
PHYS 1401		College Physics I	4	BIOL 2416		Genetics	4
MATH 1342		Statistics	3			*Language, Philosophy, and Culture Core	3
		*Social and Behavioral Sciences Core	3				
			16				14

JUNIOR YEAR

Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
	BIOL 3336	Ecology	3		BIOL 3334	Cell Biology	3
	BIOL 3137	Ecology Lab	1		BIOL 3334	Cell Biology Lab	1
	BIOL 3339	Plant Biology	3		BIOL 3338	Biological Evolution	3
	BIOL 3139	Plant Biology Lab	1		CHEM 3344	Organic Chemistry II	3
	CHEM 3342	Organic Chemistry I	3		CHEM 3145	Organic Chemistry II Lab	1
	CHEM 3143	Organic Chemistry I Lab	1			BIOL Group II	3
		BIOL Group I	3				
		BIOL Group I Lab	1				
			16				14

SENIOR YEAR

Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
	CHEM 4334	Biochemistry I	3		BIOL 4115	Scientific Communication II	1
	CHEM 4135	Biochemistry I Lab	1			BIOL Group IV	3
	BIOL 4114	Scientific Communication I	1			BIOL Group IV Lab	1
	HIST 1301	US History I	3		HIST 1302	US History II	3
		BIOL Group III	3			*Creative Arts Core	3
		BIOL Group III Lab	1			Elective	4
		Elective	3				
			15				15

Total Credit Hours at Tyler Junior College	60
Total Credit Hours at UT Tyler	60
Total Credit Hours	120

* Courses must be selected from the UT Tyler Core Curriculum options