



TRINITY VALLEY  
COMMUNITY COLLEGE

AA in Biology to  
BS in Biology  
Recommended 4-Year Degree Plan  
2023-2024 Catalog



UT Tyler  
THE UNIVERSITY OF TEXAS AT TYLER

FRESHMAN YEAR

Fall				Spring			
TVCC	UT Tyler	Title	Hours	TVCC	UT Tyler	Title	Hours
BIOL 1406		Biology for Science Majors I	4	BIOL 1407		Biology for Science Majors II	4
EDUC/PSYC 1300		*Learning Frameworks	0	MATH 2312		Pre-Calculus	3
ENGL 1301		Composition I	3	ENGL 1302		Composition II	3
MATH 1314		College Algebra	3	HIST 1302		US History II	3
HIST 1301		US History I	3				
			13				13

SOPHOMORE YEAR

Fall				Spring			
TVCC	UT Tyler	Title	Hours	TVCC	UT Tyler	Title	Hours
MATH 2413		Calculus I	4	PSYC 2301		General Psychology	3
CHEM 1411		General Chemistry I	4	PHIL 2306		Introduction to Ethics	3
GOVT 2305		Federal Government	3	GOVT 2306		Texas Government	3
MATH 1342		Statistics	3	Creative Arts		Music, Theater, OR Art Appreciation	3
				CHEM 1412		General Chemistry II	4
			14				16

JUNIOR YEAR

Fall				Spring			
TVCC	UT Tyler	Title	Hours	TVCC	UT Tyler	Title	Hours
	CHEM 3342/3143	Organic Chemistry I/Organic Chemistry I Laboratory	4		BIOL 3338	Biological Evolution	3
	PHYS 1301/1101	College Physics I / College Physics I Lab	4		PHYS 1302/1102	College Physics II / College Physics II Lab	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		BIOL 3336/3137	Ecology/Ecology Laboratory	4
			16				15

SENIOR YEAR

Fall				Spring			
TVCC	UT Tyler	Title	Hours	TVCC	UT Tyler	Title	Hours
	BIOL 3334/3134	Cell Biology/Cell Biology Laboratory	4		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			Elective	3
			15				18

Total Credit Hours at TVCC 56  
Total Credit Hours at UT Tyler 64  
Total Credit Hours 120

\*Successful completion of MATH 1314 is required for enrollment at TVCC in: CHEM 1411 and CHEM 1412

\*\* EDUC/PSYC 1300 required for core completion but no equivalency at UT Tyler