



Biology AS to Biology BS
Recommended 4-Year Degree Plan
2025-2026 Catalog



FRESHMAN YEAR

Fall				Spring			
Panola College	UT Tyler	Title	Hours	Panola College	UT Tyler	Title	Hours
BIOL 1406	BIOL 1306/1106	Biology for Science Majors I; General Biology I/Lab	4	BIOL 1407	BIOL 1307/1107	Biology for Science Majors II; General Biology II/Lab	4
ENGL 1301		Composition I	3	ENGL 1302		Composition II	3
HIST 1301		US History I	3	HIST 1302		United States History II	3
MATH 1314		College Algebra	3	MATH 2412		Pre-Calculus Math	4
PSYC 1100		Learning Framework	1			Creative Arts	3
SPCH 1315		Public Speaking	3				
			17				17

SOPHOMORE YEAR

Fall				Spring			
Panola College	UT Tyler	Title	Hours	Panola College	UT Tyler	Title	Hours
CHEM 1411		General Chemistry I	4	CHEM 1412		General Chemistry II	4
GOVT 2305		Federal Government	3	GOVT 2306		Texas Government	3
PHYS 1401	PHYS 1301/1101	College Physics I	3	HUMA 1301		Introduction to the Humanities	3
		Social and Behavioral Science Course	3	PHYS 1402	PHYS 1302/1102	College Physics II	4
MATH 1342		Elementary Statistical Methods	3	ENGL 2322 OR ENGL 2323		British Literature I or British Literature II	3
			16				17

JUNIOR YEAR

Fall				Spring			
Panola College	UT Tyler	Title	Hours	Panola College	UT Tyler	Title	Hours
	CHEM 3342	Organic Chemistry I	3		CHEM 3344	Organic Chemistry II	3
	CHEM 3143	Organic Chemistry I Lab	1		CHEM 3145	Organic Chemistry II Lab	1
	BIOL 3332	Genetics	3		BIOL	Group I	3
	BIOL 3133	Genetics Lab	1		BIOL	Group I Lab	1
	BIOL 3336	Ecology	3		BIOL 3334	Cell Biology	3
	BIOL 3137	Ecology Lab	1		BIOL 3134	Cell Biology Lab	1
		Elective	3		BIOL 3338	Biological Evolution	3
			15				15

SENIOR YEAR

Fall				Spring			
Panola College	UT Tyler	Title	Hours	Panola College	UT Tyler	Title	Hours
	BIOL 3339	Plant Biology	3		BIOL	Group III	3
	BIOL 3139	Plant Biology Lab	1		BIOL	Group III Lab	1
	CHEM 4334	Biochemistry I	3		BIOL 4115	Scientific Communication II	1
	CHEM 4135	Biochemistry I Lab	1		BIOL	Group IV	3
	BIOL	Group II	3		BIOL	Group IV Lab	1
	BIOL 4114	Scientific Communication I	1			Elective	3
			12				12

Total Credit Hours at Panola College 67
Total Credit Hours at UT Tyler 54
Total Credit Hours 121

Courses highlighted on the pathway can be taken via co-enrollment at UT Tyler.
 At least one lecture and laboratory from each of the following groups is required: