

UTSA Bachelor of Science in Biology

Four-Year Plan

Starting with MAT 1093

2010-12

FIRST YR	FALL		SPRING	
MAT 1093	Precalculus*	3	MAT 1193	Calculus for Biosciences 3
BIO 1404	Biosciences I	4	BIO 1413	Biosciences II 3
BIO 1122	Lab Investigations	2	CHE 1113	General Chemistry II 3
CHE 1103	General Chemistry I	3	CHE 1132/30	General Chem II Lab/lecture 2/0
CHE 1122/20	General Chem I Lab/lecture	2/0	CS 1173	Data Analysis/Visualization 3
WRC 1013	Freshman Composition I	3	WRC 1023	Freshman Composition II 3
TOTAL		17	TOTAL	17
SECOND YR				
BIO 2313	Genetics	3	STA 1403	Stats for Biosciences 3
BIO 2322/20	Genetics Lab/lecture	2/0	CORE	Domain IIA: History 3
PHY 1603/11	Alg-based Physics I/lab	3/1	PHY 1623/31	Alg-based Physics II/lab 3/1
or 1943/51	or Physics for Scientists I/lab		or 1963/71	or Physics for Scientists II/lab
CHE 2603	Organic Chemistry I	3	CHE 3643	Organic Chemistry II 3
CHE 2612/10	Organic Chem I Lab/lecture	2/0		
TOTAL		14	TOTAL	13
THIRD YR				
See CoSUAC advisor to declare Bio major & select a concentration.				
BIO 3513	Biochemistry	3	BIO 3813	Cellular Biology 3
BIO 3522/20	Biochemistry Lab/lecture	2/0	BIO 3822/20	Cellular Lab/lecture 2/0
BIO 3413	Advanced Physiology	3	BIO 3XX3	Bio Elective Lecture 3
BIO 3422	Advanced Physiology Lab	2	BIO 3XX2	Bio Elective Lab 2
CORE	Domain IIIA: Literature	3	CORE	Domain IIC: Soc/Beh Science 3
CORE	Domain IIIB: Arts	3	CORE	Domain IID: Economics 3
TOTAL		16	TOTAL	16
FOURTH YR				
ELEC 3XX3	UD Free Elective	3	BIO 3XX3	UD Bio Elective 3
ELEC 3XX1	UD Free Elective	1	BIO 3XX3	UD Bio Elective 3
BIO 3XX3	UD Bio Elective	3	BIO 3XX3	UD Bio Elective 3
CORE	Domain IIA: History	3	CORE	Domain IV: World Society 3
POL 1013	Domain IIB: Politics	3	CORE	Domain IIB: Politics 3
TOTAL		13	TOTAL	15

Total hrs for BS/BIO is 120

Total hrs listed here: **121***

Notes: **Required to declare Biology major.**

Check the 2010-12 catalog for course prerequisites.

*Can be used as free electives (only 2 hr lower-division electives required for degree).

**39 Upper-Division hours (3000-4000 level) are required for graduation.

A minimum grade of C is required for major and support work.

Some courses are offered Fall only or Spring only. Check with the Biology Dept for scheduling.