

UTSA Bachelor of Science in Biology

Four-Year Plan

2010-12

starting with MAT 1193

FIRST YR			FALL			SPRING		
BIO 1404	Biosciences I	4	BIO 1413	Biosciences II	3			
MAT 1193	Calculus for Biosciences	3	BIO 1122	Lab Investigations	2			
CHE 1103	General Chemistry I	3	CHE 1113	General Chemistry II	3			
CHE 1122/20	General Chem I Lab/lecture	2/0	CHE 1132/30	General Chem II Lab/lecture	2/0			
WRC 1013	Freshman Composition I	3	WRC 1023	Freshman Composition II	3			
TOTAL		15	TOTAL		14			
SECOND YR								
CS 1173	Data Analysis/Visualization	3	BIO 2313	Genetics	3			
CHE 2603	Organic Chemistry I	3	BIO 2322/20	Genetics Lab/lecture	2/0			
CHE 2612/10	Organic Chem I Lab/lecture	2/0	CHE 3643	Organic Chemistry II	3			
CORE	Domain IIA: History	3	STA 1403	Prob & Stats for Biosciences	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				
TOTAL		15	TOTAL		15			
THIRD YR								
See CoSUAC advisor to declare Bio major & select conc.								
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 IIC: Soc/Beh Science	3	CORE	Domain IID: Economics	3			
CORE	Domain IIIA: Literature	3	CORE	Domain IIIB: Arts	3			
TOTAL		16	TOTAL		15			
FOURTH YR								
BIO 3XX3	UD Bio Elective	3	BIO 3XX3	UD Bio Elective	3			
BIO 3XX3	UD Bio Elective	3	ELEC 3XX3	UD Free Elective	3			
BIO 3XX3	UD Bio Elective	3	ELEC 3XX3*	UD Free 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		15	TOTAL		15			

Total hrs for BS/BIO is 120.

Total hrs listed here: 120

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

Check the 2010-12 catalog for course prerequisites.

*Only 1 of these 3 hr have to be UD to meet the 39 UD hours.

**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.