

UTSA Bachelor of Science in Biology

Four-Year Plan

Starting with MAT 1093

2008-10

FIRST YR		FALL		SPRING		
MAT 1093	Precalculus	3		MAT 1194	Calculus for the Biosciences	4
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	General Chemistry Lab II	2
WRC 1013	Freshman Composition I	3		CS 1173	Computation for Scientists & Engineer	3
TOTAL		15		TOTAL		15
SECOND YR						
STA 1404	Stats for Biosciences	4		BIO 2313	Genetics	3
PHY 1603 or 1943	Alg-based or Phys for Sci I	3		BIO 2322	Genetics Lab	2
PHY 1611 or 1951	Alg-based or Phys for Sci I Lab	1		PHY 1623 or 1963	Alg-based or Phys for Sci II	3
CHE 2604	Organic Chemistry I	4		PHY 1631 or 1971	Alg-based or Phys for Sci II Lab	1
CHE 2612	Organic Chemistry Lab I	2		CORE	Domain IIA: History	3
				WRC 1023	Freshman Composition II	3
TOTAL		15		TOTAL		15
SUMMER						
CORE	Domain IIIB: Arts	3		CORE	Domain IIC: Soc/Beh Science	3
THIRD YR						
See CoSUAC advisor to declare Bio major & select a concentration.						
BIO 3413	Physiology	3		BIO 3XX3	Upper-division Bio Elective	3
BIO 3422	Physiology Lab	2		BIO 3XX3	Upper-division Bio Elective	3
BIO 3XX3	Bio Elective Lecture	3		ELEC 3XX3	Upper-division Free Elective	3
BIO 3XX2	Bio Elective Lab	2		ELEC 3XX3	Upper-division Free Elective	3
CORE	Domain IIIA: Literature	3		CORE	Domain IID: Economics	3
ELEC 3XX2	Upper-division Free Elective	2				
TOTAL		15		TOTAL		15
FOURTH YR						
BIO 3513	Biochemistry	3		BIO 3813	Cellular Biology	3
BIO 3522	Biochemistry Lab	2		BIO 3822	Cellular Biology Lab	2
BIO 3XX3	Upper-division Bio Elective	3		BIO 3XX3	Upper-division 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		14		TOTAL		14

Total hrs for BS/BIO is 120

Total hrs listed here: 123.

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

Check the student's catalog of graduation for course prerequisites.

**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.