

UTSA Bachelor of Science in Environmental Science

Four-Year Plan

2010-12

starting with MAT 1214/STA 1053

FIRST YR			FALL			SPRING		
MAT 1214	Calculus I	4	WRC 1013	Freshman Composition I	3			
BIO 1404	Biosciences I	4	CS 1073 or	Intro to Comp Prog	3			
BIO 1122	Lab Investigations	2	CS 1173	Data Analysis/Visualization				
ES 2013/21	Intro to ES I/Lab	3/1	ES 2023/31	Intro to Env. Systems II/Lab	3/1			
STA 1053 [^]	Basic Statistics	3	CHE 1103	General Chemistry I	3			
			CHE 1122/20	Gen Chem I Lab*/lecture	2/0			
TOTAL		17	TOTAL		15			
SECOND YR								
CHE 1113	General Chemistry II	3	PHY 1603	Alg-based Physics I	3			
CHE 1132/30	Gen Chem II Lab/lecture	2/0	PHY 1611	Alg-based Physics I lab	1			
WRC 1023	Freshman Composition II	3	CHE 2603	Organic Chemistry I	3			
CORE	Domain IIC: Soc/Beh Scienc	3	CHE 2612/10	Organic I Lab/lecture	2/0			
CORE	Domain IIA: History	3	GEO 2113	Fundamentals of GIS	3			
			POL 1013	Domain IIB	3			
TOTAL		14	TOTAL		15			
THIRD YR								
ES 3033/42	Environ Ecology/Lab	3/2	GEO 4023	Engineering Geology	3			
ES 3053/31	Environ Remediation/Lab	3/1	ES 4103	Global Change	3			
A,B,C 3XX3	Upper Division Elective*	3	ES 3203	Environmental Law	3			
CORE	Domain IIIA: Literature	3	A,B,C 3XX3	Upper Division Elective*	3			
			CORE	Domain IIB: Politics	3			
TOTAL		15	TOTAL		15			
FOURTH YR								
ES 3103/12	Environ Microbiology/Lab	3/2	ES 4003/11	Environ Chem & Toxic/Lab	3/1			
A,B,C 3XX3	Upper Division Elective*	3	A,B,C 3XX3	Upper Division Elective*	3			
STA 1993	Biostatistics [^]	3	A,B,C 3XX3	Elective*	3			
CORE	Domain IID: Economics	3	CORE	Domain IV: World Soc/Issues	3			
CORE	Domain IIA: History	3	CORE	Domain IIIB: Arts	3			
TOTAL		17	TOTAL		16			

Total hrs for BS/ES is 120.

Total hrs listed here: 124

Notes: Check the 2010-12 catalog for course prerequisites.

*Taken as prereqs: CHE 1122 --> 1132. These hours do not apply to the degree requirements.

**Electives chosen from A,B,C lists in Bio- Geo- or Chemosphere. See catalog for lists.

[^]STA 1053 is the prereq for STA 1993.

39 hrs must be completed at the upper-division (3000-4000) level to graduate.

For general information, check the ES web site.