

# UTSA Bachelor of Science in Environmental Science

## Four-Year Plan

**2010-12**

*Starting with MAT 1093/STA 1053*

<b>FIRST YR</b>			<b>FALL</b>			<b>SPRING</b>		
MAT 1093*	Precalculus	3	MAT 1214	Calculus I	4	ES 2013/21	Intro to ES I/Lab	3/1
BIO 1404	Biosciences I	4	CHE 1103	General Chemistry I	3	BIO 1122	Lab Investigations	2
			CHE 1122/20	Gen Chem I Lab*/lecture	2/0			
			WRC 1013	Freshman Composition I	3			
<b>TOTAL</b>		<b>13</b>	<b>TOTAL</b>		<b>16</b>			
<b>SECOND YR</b>								
CS 1073 or	Intro to Comp Prog	3	PHY 1603	Alg-based Physics I	3			
CS 1173	Data Analysis/Visualization		PHY 1611	Alg-based Physics I lab	1			
CHE 1113	General Chemistry II	3	CHE 2603	Organic Chemistry I	3			
CHE 1132/30	Gen Chem II Lab/lecture	2/0	CHE 2612/10	Organic I Lab/lecture	2/0			
WRC 1023	Freshman Composition II	3	GEO 2113	Fundamentals of GIS	3			
CORE	DomainIIA: History	3	POL 1013	Domain IIB	3			
<b>TOTAL</b>		<b>14</b>	<b>TOTAL</b>		<b>15</b>			
<b>SUMMER</b>								
CORE	Domain IIA: History	3	CORE	Domain IIC: Soc/Beh Science	3			
STA 1053^	Basic Statistics	3						
<b>TOTAL</b>		<b>6</b>	<b>TOTAL</b>		<b>3</b>			
<b>THIRD YR</b>								
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			
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>15</b>			
<b>FOURTH YR</b>								
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 XXX3	Elective**	3			
CORE	Domain IID: Economics	3	CORE	Domain IV: World Soc/Issues	3			
			CORE	Domain IIIB: Arts	3			
<b>TOTAL</b>		<b>14</b>	<b>TOTAL</b>		<b>16</b>			

Total hrs for BS/ES is 120.

Total hrs listed here: 127

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

\*Taken as prereqs: MAT 1073 --> 1093 --> 1214 & 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.