

**UTSA Bachelor of Science in Environmental Science**  
**Four-Year Plan**      *Starting with MAT 1073*  
**2008-10**

<b>FALL</b>			<b>FIRST YEAR</b>			<b>SPRING</b>		
ES 2013	Intro to Env. Systems I	3	ES 2023	Intro to Env. Systems II	3	ES 2031	Intro to Env. Systems II Lab	1
ES 2021	Intro to Env. Systems I Lab	1	WRC 1023	Freshman Composition II	3	WRC 1013	Freshman Composition I	3
WRC 1013	Freshman Composition I	3	CS 1073	Intro to Comp Prog	3	BIO 1404	Biosciences I	4
BIO 1404	Biosciences I	4	CHE 1103	General Chemistry I	3	BIO 1122	Lab Investigations	2
BIO 1122	Lab Investigations	2	MAT 1093	Precalculus	3	MAT 1073	Alg- Scientists and Engineers	3
MAT 1073	Alg- Scientists and Engineers	3	<b>TOTAL</b>		<b>16</b>	<b>TOTAL</b>		<b>16</b>
<b>SECOND YEAR</b>								
GEO 2113	Fundamentals of GIS	3	PHY 1603	Alg-based Physics I	3	PHY 1611	Alg-based Physics I lab	1
CHE 1113	General Chemistry II	3	CHE 2604	Organic Chemistry I	4	CHE 2612	Organic Chemistry I Lab	2
CHE 1132	General Chemistry II Lab	2	CHE 2612	Organic Chemistry I Lab	2	POL 1013	Domain IIB	3
CORE	Domain IIC: Soc/Beh Science	3	POL 1013	Domain IIB	3	CORE	DomainIIA: History	3
MAT 1214	Calculus I	4	CORE	DomainIIA: History	3	<b>TOTAL</b>		<b>16</b>
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>16</b>			
<b>SUMMER</b>								
CORE	Domain IIA: History	3						
<b>THIRD YEAR</b>								
ES 3033	Environmental Ecology	3	GEO 4023	Engineering Geology	3	ES 4103	Global Change	3
ES 3042	Environmental Ecology lab	2	ES 3203	Environmental Law	3	ES 3053	Environmental Remediation	3
ES 3053	Environmental Remediation	3	A,B,C 3XX3	Upper Division Elective*	3	ES 3061	Environ Remediation lab	1
ES 3061	Environ Remediation lab	1	CORE	Domain IIB: Politics	3	A,B,C 3XX3	Upper Division Elective*	3
A,B,C 3XX3	Upper Division Elective*	3	<b>TOTAL</b>		<b>15</b>	CORE	Domain IIIA: Literature	3
CORE	Domain IIIA: Literature	3	<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>15</b>
<b>TOTAL</b>		<b>15</b>						
<b>FOURTH YEAR</b>								
ES 3103	Environmental Microbiology	3	ES 4003	Environ Chem & Toxicology	3	ES 4011	Environ Chem & Toxic lab	1
ES 3112	Environ Microbiology lab	2	A,B,C 3XX3	Upper Division Elective*	3	A,B,C 3XX3	Upper Division Elective*	3
A,B,C 3XX3	Upper Division Elective*	3	A,B,C XXX3	Elective*	3	STA 1993	Biostatistics^	3
STA 1993	Biostatistics^	3	CORE	Domain IV: World Soc/Issues	3	CORE	Domain IID: Economics	3
CORE	Domain IID: Economics	3	CORE	Domain IIIB: Arts	3	<b>TOTAL</b>		<b>14</b>
<b>TOTAL</b>		<b>14</b>	<b>TOTAL</b>		<b>16</b>	<b>TOTAL</b>		<b>16</b>

TOTAL HOURS for BS in ES is 120.      Hours listed here are 126.

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

\*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.