

**UTSA Bachelor of Science in Chemistry**  
**Four-Year Plan**      *starting with MAT 1093*  
**2008-10**

FALL		FIRST YEAR		SPRING		
STA 1053	Basic Statistics	3		MAT 1093	Precalculus I*	3
CHE 1103	General Chemistry I	3		CHE 1113	General Chemistry II	3
WRC 1013	Freshman Composition I	3		CHE 1132	General Chemistry Lab II	2
COS ELEC	COS Elective*	3		WRC 1023	Freshman Composition II	3
ELEC	Free Elective	3		CORE	Domain IIA: History	3
<b>TOTAL</b>		<b>12</b>		<b>TOTAL</b>		<b>14</b>
SECOND YEAR						
MAT 1214	Calculus I	4		MAT 1223	Calculus II	3
CHE 3213	Analytical Chemistry	3		CHE 2623	Organic Chemistry II	3
CHE 2604	Organic Chemistry I	4		CHE 2632	Organic Chemistry Lab II	2
CHE 2612	Organic Chemistry Lab I	2		PHY 1943	Physics for Scientists I	3
CORE	Domain IIB: Politics	3		PHY 1951	Physics for Scientists I Lab	1
				CORE	Domain IIA: History	3
<b>TOTAL</b>		<b>16</b>		<b>TOTAL</b>		<b>15</b>
SUMMER						
PHY 1963	Physics for Scientists II	3		PHY 1971	Physics for Scientists II Lab	1
THIRD YEAR						
CHE 3804	Thermodynamics & Kinetics	4		CHE 3824	Quantum Mechanics	4
CHE 3811	Thermodyn & Kinetics Lab	1		CHE 3831	Quantum Mechanics Lab	1
CHE 4303	Biochemistry	3		CHE 3464	Descriptive Inorganic Chem	4
CORE	Domain IV: World Society	3		CORE	Domain IIIA: Literature	3
CORE	Domain IIB: Politics	3		CORE	Domain IID: Economics	3
<b>TOTAL</b>		<b>14</b>		<b>TOTAL</b>		<b>15</b>
FOURTH YEAR						
CHE 4463	Inorganic Chemistry	3		CHE	Upper-division CHE elect**	3
CHE 4213	Instrumental Analysis	3		CHE	Upper-division CHE elect**	3
CHE	Upper-division CHE elective	3		CHE 4971	Proseminar	1
CORE	Domain IIC: Soc/Beh Science	3		CHE 4913	<i>Independent Study or</i>	3
CORE	Domain IIIB: Arts	3		CHE 4923	<i>Special Project in Chemistry</i> <sup>^</sup>	
				ELEC	Free Elective	2
<b>TOTAL</b>		<b>15</b>		<b>TOTAL</b>		<b>12</b>

Total hrs for BS/CHE is 120.

Total hrs listed here: 120

Notes:

\*MAT 1093 is a prereq for MAT 1214 and counts as free or CoS elective.

\*If CHE 1073 is needed as a prereq for CHE 1103, it can count as a free or CoS elective.

<sup>^</sup>Can be taken any time after first year and does not have to be spring semester senior year.

\*\*Can be CHE 4953 and does not have to be taken spring semester senior year.

Check the 2008-10 catalog (or student's catalog of graduation) for course prerequisites.

Some courses are offered Fall only or Spring only. Check with Chemistry Dept for scheduling.