

# UTSA Bachelor of Science in Chemistry

## Four-Year Plan

*starting with MAT/CHE 1073*

**2010-12**

FIRST YR		FALL	SPRING		
STA 1053	Basic Statistics	3	CHE 1103	General Chemistry I or	3
CHE 1073	Basic Chemistry*	3	or CHE 1143 Principles of Chem I		
MAT 1073	Algebra- Scientists/Engineers*	3	CHE 1122/20	General Chem I Lab/lecture	2/0
WRC 1013	Freshman Composition I	3	MAT 1093	Precalculus*	3
CORE	Domain IV: World Society	3	WRC 1023	Freshman Composition II	3
			CORE	Domain IIA: History	3
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>14</b>
SECOND YR					
CHE 1113	General Chemistry II or	3	CHE 2603	Organic Chemistry I	3
or CHE 1153	Principles of Chem II		CHE 2612/10	Organic Chem I Lab/lecture	2/0
CHE 1132/30	General Chem II Lab/lecture	2	MAT 1224	Calculus II	4
MAT 1214	Calculus I	4	PHY 1943	Physics for Scientists I	3
POL 1013	Domain IIB: Politics	3	PHY 1951	Physics for Scientists I Lab	1
CHE 3213	Analytical Chemistry	3	CHE 2802	Q Topics for Chemistry	2
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>15</b>
SUMMER					
PHY 1963	Physics for Scientists II	3	PHY 1971	Physics for Scientists II Lab	1
CORE	Domain IIIA: Literature	3			
THIRD YR			CHE 3823	P Chem II	3
CHE 3803	P Chem I	3	CHE 3831	P Chem II lab	1
CHE 3811	P Chem I lab	1	CHE 3643	Organic Chemistry II	3
CHE 4303	Biochemistry	3	CHE 3652/50	Organic Chem II Lab/lecture	2/0
CHE 3464	Descriptive Inorganic Chem	4	CHE 3XX3	UD CHE elect**	3
CORE	Domain IIB: Politics	3	CORE	Domain IID: Economics	3
<b>TOTAL</b>		<b>14</b>	<b>TOTAL</b>		<b>15</b>
FOURTH YR			CHE 3XX3	UD CHE elective	3
CHE 4213	Instrumental Analysis	3	CHE 2802	Q Topics for Chemistry	2
CHE 4463	Inorganic Chemistry	3	CHE 4971	Proseminar	1
CHE 3XX3	UD CHE elective**	3	CHE 4913	Independent Study or	3
CORE	Domain IIIB: Arts	3	or CHE 4923	Special Project in Chemistry^	
CORE	Domain IIA: History	3	CORE	Domain IIC: Soc/Beh Science	3
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>12</b>

TOTAL HOURS for BS in CHE is 120.

Hours listed here: **120**

**Notes:**

\*MAT 1073 or 1093 are taken as prereqs for MAT 1214, they count as free or CoS electives.

\*If CHE 1073 is required as prereq for CHE 1103, it can count as free or CoS electives.

^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 2010-12 catalog for course prerequisites.

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