

**UTSA Bachelor of Arts in Chemistry**  
**Four-Year Plan**      *starting with MAT/CHE 1073*  
**2010-12**

FIRST YR			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 Soc/Issues	3	WRC 1023	Freshman Composition II	3
			CORE	Domain IIC: Soc/Behav Sci	3
<b>TOTAL</b>		<b>12</b>	<b>TOTAL</b>		<b>15</b>
SECOND YR					
CHE 1113	General Chemistry II or	3	CHE 2604	Organic Chemistry I	4
or CHE 1153	Principles of Chem II		CHE 2612/10	Organic I Lab/lecture	2/0
CHE 1132/30	General Chem II Lab/lecture	2/0	MAT 1224	Calculus II	4
MAT 1214	Calculus I	4	PHY 1603/11	Alg-based Physics I/lab	3/1
CORE	Domain IIB: Politics	3	or 1943/51	or Physics for Scientists I/lab	
CHE 3213	Analytical Chemistry	3	CORE	Domain IIIA: Literature	3
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>16</b>
SUMMER					
PHY 1623/31	Alg-based Physics II/lab		OR	PHY 1963/71	Physics for Scientists II/lab
					3/1
THIRD YR					
CHE 3643	Organic Chemistry II	3	CHE 3464	Descriptive Inorganic Chem	4
CHE 3642/50	Organic Chem II Lab/lecture	2/0	COS 3XX3	UD Coll of Sci elective^	3
CHE 3854	Basic Physical Chemistry	4	COS 3XX3	UD Coll of Sci elective^	3
CHE 3XX3	UD CHE elective**	3	CORE	Domain IIA: History	3
CORE	Domain IIB: Politics	3	CORE	Domain IID: Economics	3
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>16</b>
FOURTH YR					
CHE 3XX3	UD CHE elective**	3	CHE 3XX3	UD CHE elective**	3
CHE 4213	Instrumental Analysis	3	CHE 3XX3	UD CHE elective**	3
COS 3XX3	UD Coll of Sci elective^	3	CHE 4971	Proseminar	1
COS 3XX3	UD Coll of Sci elective^	3	COS 3XX3	UD Coll of Sci elective^	3
CORE	Domain IIA: History	3	CORE	Domain IIIB: Arts	3
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>13</b>

TOTAL HOURS for BA in CHE is 120.

Hours listed here: 121\*

Notes:

\*If MAT 1073 or 1093 are required as prereqs for MAT 1214, they can count as free electives.

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

\*While degree only requires 6hr free elective, this plan lists 9hr (MAT 1073, 1093, and CHE 1073).

\*\*Can be CHE 4913 or 4953 and does not have to be taken spring semester senior year.

^Up to 6hr may be outside CoS (9hr if seeking teacher cert).

Check the 2010-12 catalog for course prerequisites.

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