

UTSA Bachelor of Science in Chemistry

Four-Year Plan

starting with MAT/CHE 1073

2008-10

FALL		FIRST YR		SPRING		
CHE 1073	Basic Chemistry*	3		CHE 1103	General Chemistry I	3
MAT 1073	Alg for Sci and Engineers*	3		MAT 1093	Precalculus I*	3
STA 1053	Basic Statistics	3		CORE	Domain IIA: History	3
WRC 1013	Freshman Composition I	3		WRC 1023	Freshman Composition II	3
CORE	Domain IV: World Society	3		CORE	Domain IIIB: Arts	3
TOTAL		15		TOTAL		15
SECOND YR						
CHE 1113	General Chemistry II	3		CHE 2604	Organic Chemistry I	4
CHE 1132	General Chemistry Lab II	2		CHE 2612	Organic Chemistry Lab I	2
MAT 1214	Calculus I	4		MAT 1223	Calculus II	3
CORE	Domain IIB: Politics	3		PHY 1943	Physics for Scientists I	3
CHE 3213	Analytical Chemistry	3		PHY 1951	Physics for Scientists I Lab	1
TOTAL		15		TOTAL		13
SUMMER						
PHY 1963	Physics for Scientists II	3		PHY 1971	Physics for Scientists II Lab	1
THIRD YR						
CHE 2623	Organic Chemistry II	3		CHE 3824	Quantum Mechanics	4
CHE 2632	Organic Chemistry Lab II	2		CHE 3831	Quantum Mechanics Lab	1
CHE 3804	Thermodynamics & Kinetics	4		CHE 4303	Biochemistry	3
CHE 3811	Thermodyn & Kinetics Lab	1		CORE	Domain IIIA: Literature	3
CHE 3464	Descriptive Inorganic Chem	4		CORE	Domain IID: Economics	3
TOTAL		14		TOTAL		14
FOURTH YR						
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 IIA: History	3		<i>CHE 4913</i>	<i>Independent Study or</i>	3
CORE	Domain IIB: Politics	3		<i>or 4923</i>	<i>Special Project in Chemistry</i> [^]	
				CORE	Domain IIC: Soc/Beh Science	3
				ELEC	Free Elective*	2
TOTAL		15		TOTAL		15

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 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.