

UTSA Bachelor of Science in Chemistry

Four-Year Plan

2008-10

starting with MAT 1214

FALL		FIRST YEAR		SPRING		
MAT 1214	Calculus I	4		MAT 1223	Calculus II	3
CHE 1103	General Chemistry I	3		CHE 1113	General Chemistry II	3
STA 1053	Basic Statistics	3		CHE 1132	General Chemistry Lab II	2
COS Elec	Coll of Sciences Elective	3		WRC 1023	Freshman Composition II	3
WRC 1013	Freshman Composition I	3		CORE	Domain IIA: History	3
TOTAL		16		TOTAL		14
SECOND YEAR						
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 1963	Physics for Scientists II	3
PHY 1943	Physics for Scientists I	3		PHY 1971	Physics for Scientists Lab II	1
PHY 1951	Physics for Scientists Lab I	1		POL 1013	Domain IIB: Politics	3
ELEC	Free Elective	2		CORE	Domain IIA: History	3
TOTAL		15		TOTAL		15
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
TOTAL		14		TOTAL		15
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> [^]	3
				ELEC	Free Elective	6
TOTAL		15		TOTAL		16

Total hrs for BS/CHE is 120.

Total hrs listed here: 120

Notes:

*If MAT 1073 or 1093 are taken as prereqs for MAT 1214, they can 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.