

UTSA Bachelor of Science in Chemistry

Four-Year Plan

starting with MAT 1214

2010-12

FIRST YR			FALL	SPRING		
MAT 1214	Calculus I	4		MAT 1224	Calculus II	4
STA 1053	Basic Statistics	3		CHE 1113	General Chemistry II or	3
CHE 1103	General Chemistry I or	3		or CHE 1153	Principles of Chem II	
or CHE 1143	Principles of Chem I			CHE 1132/30	General Chem II Lab/lecture	2
CHE 1122/20	General Chem I Lab/lecture	2/0		WRC 1023	Freshman Composition II	3
WRC 1013	Freshman Composition I	3		CORE	Domain IIA: History	3
TOTAL		14		TOTAL		15
SECOND YR						
CHE 2603	Organic Chemistry I	3		CHE 3643	Organic Chemistry II	3
CHE 2612/10	Organic Chem I Lab/lecture	2/0		CHE 3652/50	Organic Chem II Lab/lecture	2/0
CHE 3213	Analytical Chemistry	3		PHY 1943	Physics for Scientists I	3
COS Elect	COS Elective*	3		PHY 1951	Physics for Scientists I Lab	1
CORE	Domain IIB: Politics	3		CORE	Domain IIA: History	3
				CHE 2802	Q Topics for Chemistry	2
TOTAL		15		TOTAL		14
SUMMER						
PHY 1963	Physics for Scientists II	3		PHY 1971	Physics for Scientists II Lab	1
THIRD YR						
CHE 3803	P Chem I	3		CHE 3823	P Chem II	3
CHE 3811	P Chem I lab	1		CHE 3831	P Chem II lab	1
CHE 4303	Biochemistry	3		CHE 3464	Descriptive Inorganic Chem	4
ELEC	Free Elective	3		CORE	Domain IIIA: Literature	3
CORE	Domain IV: World Society	3		CORE	Domain IID: Economics	3
CORE	Domain IIB: Politics	3				
TOTAL		16		TOTAL		14
FOURTH YR						
CHE 4463	Inorganic Chemistry	3		CHE	Upper-division CHE elect**	3
CHE 4213	Instrumental Analysis	3		CHE 4971	Proseminar	1
CHE	Upper-division CHE elective	3		CHE 4913	Independent Study or	3
CHE	Upper-division CHE elect**	3		CHE 4923	Special Project in Chemistry^	
CORE	Domain IIC: Soc/Beh Science	3		CORE	Domain IIIB: Arts	3
				ELEC	Free Elective	3
TOTAL		15		TOTAL		13

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.

^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.