

UTSA Bachelor of Science in Chemistry
Four-Year Plan
2008-10
starting with Calculus

FALL			SPRING		
FIRST YEAR					
CHE 1103	General Chemistry I	3	CHE 1113	General Chemistry II	3
COS Elec	Coll of Sciences Elective	3	CHE 1132	General Chemistry Lab II	2
STA 1053	Basic Statistics	3	WRC 1023	Freshman Composition II	3
WRC 1013	Freshman Composition I	3	MAT 1223	Calculus II	3
MAT 1214	Calculus I	4	CORE	Domain IIA: History	3
TOTAL		16	TOTAL		14
SECOND YEAR					
CHE 2604	Organic Chemistry I	4	CHE 2623	Organic Chemistry II	3
CHE 2612	Organic Chemistry Lab I	2	CHE 2632	Organic Chemistry Lab II	2
PHY 1943	Physics for Scientists I	3	PHY 1963	Physics for Scientists II	3
PHY 1951	Physics for Scientists Lab I	1	PHY 1971	Physics for Scientists Lab II	1
ELEC	Free Elective	2	POL 1013	Domain IIB: Politics	3
CHE 3213	Analytical Chemistry	3	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 Chemistry	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
TOTAL		15	ELEC	Free Electives	6
			TOTAL		16

TOTAL HOURS FOR BS IN CHEMISTRY IS 120.

TOTAL CREDITS

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.

UTSA Bachelor of Arts in Chemistry
Four-Year Plan
2008-10
*starting with Calculus**

FALL			SPRING		
FIRST YEAR					
CHE 1103	General Chemistry I	3	CHE 1113	General Chemistry II	3
CORE	Domain IIA: History	3	CHE 1132	General Chemistry Lab II	2
WRC 1013	Freshman Composition I	3	WRC 1023	Freshman Composition II	3
MAT 1214	Calculus I	4	MAT 1223	Calculus II	3
ELEC*	Free Elective	2	STA 1053	Basic Statistics	3
TOTAL		15	TOTAL		14
SECOND YEAR					
CHE 2604	Organic Chemistry I	4	CHE 2623	Organic Chemistry II	3
CHE 2612	Organic Chemistry Lab I	2	CHE 2632	Organic Chemistry Lab II	2
PHY 1943	Physics for Scientists I	3	PHY 1963	Physics for Scientists II	3
PHY 1951	Physics for Scientists Lab I	1	PHY 1971	Physics for Scientists Lab II	1
CHE 3213	Analytical Chemistry	3	POL 1013	Domain IIB: Politics	3
CORE	Domain IIC: Soc/Beh Science	3	ELEC*	Free Elective	3
TOTAL		16	TOTAL		15
THIRD YEAR					
CHE 3854	Basic Physical Chemistry	4	CHE 3464	Descriptive Inorganic Chem	4
CHE 3XX3	Upper-division CHE elect**	3	COS 3XX3	UD Coll of Sci elective^	3
COS 3XX3	UD Coll of Sci elective^	3	CORE	Domain IIIA: Literature	3
CORE	Domain IIB: Politics	3	CORE	Domain IID: Economics	3
ELEC*	Free Elective	3			
TOTAL		16	TOTAL		13
FOURTH YEAR					
CHE 3XX3	Upper-division CHE elect**	3	CHE 3XX3	Upper-division CHE elect**	3
CHE 4213	Instrumental Analysis	3	CHE 3XX3	Upper-division CHE elect**	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
			CORE	Domain IV: World Society	3
TOTAL		15	TOTAL		16

TOTAL HOURS FOR BA IN CHEMISTRY IS 120.

TOTAL CREDITS

120

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.

**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 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.