

UTSA Bachelor of Science in Computer Science Four-Year Plan

2010-12

starting with MAT 1073

FIRST YEAR			FALL			SPRING		
MAT 1073*	Algebra- Scientists/Engineers	3	MAT 1093*	Precalculus	3	WRC 1013	Freshman Comp I	3
CORE	Domain IV: World Society	3	CS 1063	Intro to Programming I	3	CORE	Domain IIB: Politics	3
CORE	Domain IIIB: Arts	3	WRC 1023	Freshman Comp II	3	CORE	Domain IIC: Soc/Beh Sci	3
TOTAL		12	TOTAL		15			
SUMMER								
MAT 1214	Calculus I	4	CS 1713/11	Intro to Prog II/Rec.	3/1			
SECOND YEAR								
MAT 1224	Calculus II	4	CS 2213/11	Advanced Prog/Rec.**	3/1	CS 2123/21	Data Structures/Rec.	3/1
CS 2123/21	Data Structures/Rec.	3/1	CS 2233/31	Discrete Math/Rec.	3/1	CORE	Domain IB: Natural Sci	3
CORE	Domain IB: Natural Sci	3	CS 3333/31	Math Foundations/Rec.	3/1	POL 1013	Domain IIB	3
POL 1013	Domain IIB	3	CORE	Domain IB: Natural Sci	3	TOTAL		15
TOTAL		14	TOTAL		15			
THIRD YEAR								
CS 3843/41	Computer Org/Rec.	3/1	CS 3343/41	Analysis of Alg/Rec.	3/1	CS 3723/21	Programming Lang/Rec.	3/1
CS 3723/21	Programming Lang/Rec.	3/1	CS 3853/51	Computer Arch/Rec.	3/1	CS 3423/21	Systems Prog/Rec.	3/1
CS 3423/21	Systems Prog/Rec.	3/1	CS 3733/31	Operating System/Rec.	3/1	CS 3XX3	UD CS Elective^	3
CS 3XX3	UD CS Elective^	3	CS 3XX3	UD CS Elective	3	TOTAL		15
TOTAL		15	TOTAL		15			
FOURTH YEAR								
CS 3XX3	UD CS Elective	3	CS 3XX3	UD CS Elective	3	CS 3XX3	UD CS Elective	3
CS 3XX3	UD CS Elective	3	CS 3XX3	UD CS Elective	3	CS 3XX3	UD CS Elective	3
CS 3XX3	UD CS Elective	3	CS 3XX3	UD CS Elective	3	CORE	Domain IID: Economics	3
CORE	Domain IID: Economics	3	CORE	Domain IIIA: Literature	3	CORE	Domain IIA: History	3
CORE	Domain IIA: History	3	CORE	Domain IIA: History	3	TOTAL		15
TOTAL		15	TOTAL		15			

Total hrs for BS/CS is 120.

TOTAL HRS: 124

Notes/Explanations:

All CS courses must be "C" or better.

*MAT 1073/1093 can be used as free electives although the plan requires only 2 hr free electives.

**Although not a prereq, it is not advisable to take CS 2123 Data Structures and CS 2213 Advanced Programming the same semester.

^CS 3773 must be taken if doing Software Engineering concentration.

It is your responsibility to contact the department about when a particular course will be taught.

Only one (non-transfer) MAT/CS sub per student is permitted: only in the semester of graduation and only if the course is not being offered.

With 3.0 UTSA GPA, students may enroll in graduate courses to sub as UD CS Electives.

All other provisions of the catalog must be met.