

# UTSA Bachelor of Science in Computer Science Four-Year Plan

**2008-10**

*starting with MAT 1093*

FALL		FIRST YEAR		SPRING		
MAT 1093	Precalculus*	3		MAT 1214	Calculus I	4
CS 1063	Intro to Programming I	3		CS 1713/171	Intro to Prog II/Rec.	3/1
WRC 1013	Freshman Comp I	3		WRC 1023	Freshman Comp II	3
CORE	Domain IV: World Society	3		CORE	Domain IIB: Politics	3
CORE	Domain IIIB: Arts	3				
<b>TOTAL</b>		<b>15</b>		<b>TOTAL</b>		<b>14</b>
SECOND YEAR						
MAT 1223	Calculus II	3		CS 2213/11	Advanced Prog/Rec.**	3/1
CS 2123/21	Data Structures/Rec.	3/1		CS 2233/31	Discrete Math/Rec.	3/1
CORE	Domain IIC: Soc/Beh Sci	3		CS 3333/31	Math Foundations/Rec.	3/1
CORE	Domain IB: Natural Sci	3		CORE	Domain IB: Natural Sci	3
POL 1013	Domain IIB	3				
<b>TOTAL</b>		<b>16</b>		<b>TOTAL</b>		<b>15</b>
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 3853/51	Computer Arch/Rec.	3/1
CS 3423/21	Systems Prog/Rec.	3/1		CS 3733/31	Operating System/Rec.	3/1
CS 3XX3	UD CS Elective (CS 3773)	3		CS 3XX3	UD CS Elective	3
<b>TOTAL</b>		<b>15</b>		<b>TOTAL</b>		<b>15</b>
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
CORE	Domain IID: Economics	3		CORE	Domain IIIA: Literature	3
CORE	Domain IIA: History	3		CORE	Domain IIA: History	3
<b>TOTAL</b>		<b>15</b>		<b>TOTAL</b>		<b>15</b>

Total hrs for BS/CS is 120.

Total hrs listed here: 120

### Notes/Explanations:

\* MAT 1093 is a prereq for MAT 1214 and counts as a free elective.

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

All CS courses must be completed with a grade of "C" or better.

A minimum of 120 semester hrs is required for graduation; 39 hrs must be completed at the upper division (3000/4000) level.

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.

It is understood that all other provisions of the catalog must be met.