

Sample Four Year Planned Schedule for Computer Science, BS

This is a general guideline, please consult a computer science advisor for specific advice.

Fall (Odd) first year		Jan (Even)		Spring (Even) first year	
CS 171 - Computer Science I	3	American Diversity	3	CS 172 - Computer Science II	3
MA 171 - Calculus I	4	PE	1	MA 172 - Calculus II	4
General Physics I	4			General Physics II	4
GE 125 - Freshman Seminar	1			CO 150	4
Biblical Literature	3			PE	1
credits=	15	credits=	4	credits =	16

Fall (Even) second year		Jan (Odd)		Spring (Odd) second year	
CS 278 - Computer Org. and Assembler	3			CS 274 - Ethical, Soc. & Lgl. Iss. of CS	3
CS 273 - Data Structures	3			Electronics Elective A or B: CS 373 or PS 373	
MA 278 - Discrete Mathematics	3			Modern Language 102	3
Modern Language 101	3			CO 250	4
Written Communication	3			CS 475W - Operating Systems	3
credits=	15	credits=	0	credits=	13

Fall (Odd) third year		Jan (Even)		Spring (Even) third year	
CS 374W - Database Management	3	CS Elec. I-B: CS371		CS Elective II-C: CS 457 Artificial Intelligence	
CS Elective I-A: CS370 Programming Lang.				Math Elective A: MA 350 Numerical Analysis	
Oral Communication	3			CO 350	4
CS Elective II-A: CS 313 Networks				Social Science	3
MA 330 - Linear Algebra	3			CS 401 - Computer Architecture	3
PE	1				
credits =	10	credits=	0	credits=	10

Fall (Even) fourth year		Jan (Odd)		Spring (Odd) fourth year	
CS 473 - Advanced Algorithms Design & Anal.	3	CS Elec. I-C: CS372		CS 472 - Software Engineering	3
Math Elective B: MA 410 Algebraic Structures				CS Elective II-B: CS 357 Computer Graphics	
Humanities	3			Math Elective C: MA 430W Graph Theory & Comb.	
Fine Arts	3			Career and Vocation Seminar (recommended)	1
credits=	9	credits=	0	credits=	4

Grand total credits = 96
AP Credit = 0