Computer Science 2021-2022 Catalog
Accelerated BS/MS*
Math Level5: M-171 Start

*Based on the BS Professional Option
(Interdisciplinary option is also approved for the BS/MS)

Prerequisite
Co-requisite

Freshman Year		Year 2		Year 3		Year 4		Year 5	
Fall [17 Cr]	**Spring [17 Cr]**	**Fall [18 Cr]**	**Spring [16 Cr]**	**Fall [18 Cr]**	**Spring [15 Cr]**	**Fall [15 Cr]**	**Spring [16 Cr]**	**Fall [9-10 Cr]**	**Spring [9 Cr]**
Writing F S, Su Core W 3		Tech Writing F S, Su WRIT 221 3			Computer Systems F S CSCI-366 3				
Seminar F S, Su Core US* 3		Social & Ethical Issues F S, Su CSCI-215 3	Programming in C F S, Su CSCI-112 3				Compilers S CSCI-468 4	Computability F CSCI-538 3	Algorithms F CSCI-532 3
Joy & Beauty of Data F S, Su CSCI-127 3 1	Basic Algorithms F S, Su CSCI-132 3 1		Algorithms F S, Su CSCI-232 3 1	Software Engineering F S ESOF-322 3			Prog. Assessment F S CSCI-481 0		
		Discrete Structures F S, Su CSCI 246 3		Concepts Prog. Lang. F S CSCI-305 3	Theory F S CSCI-338 3				
Calc I F S, Su M-171Q 4	Calc II F S, Su M-172Q 4		Math/Stat F S, Su Elective 3	Multi-D Design F S, Su EGEN-310R 3		Math/Stat F S, Su Elective 3	MS Course F S CSCI 400/500 3	MS Course F S CSCI 500 3-4	MS Course F S CSCI 500 3
					MS Course F S CSCI 400/500 3	MS Course F S CSCI 400/500 3	MS Course F S CSCI 400/500 3	MS Course F S CSCI 500 3	MS Course F S CSCI 500 3
	F S, Su Core AHSD 3		Your Choice F S, Su Elective 3						
F S, Su Core AHSD 3	F S, Su Core AHSD 3	F S, Su Core AHSD 3	CS/Related F S, Su Elective 3	CS/Related F S, Su Elective 3	CS/Related F S, Su Elective 3	CS/Related F S, Su Elective 3			
		Science or Math F S, Su Elective 3							
	Science or Math F S, Su Elective 3	Science or Math F S, Su Elective 3	Science or Math F S, Su Elective 3	CS Upper Div. F S Elective 3		CS Upper Div. F S Elective 3	CS Upper Div. F S Elective 1		
				CS Upper Div. F S Elective 3	CS Upper Div. F S Elective 3	CS Upper Div. F S Elective 3	CS Upper Div. F S Elective 3		

Revised 9/20/2021
150-151 credits to earn Bs/MS in Computer Science including:
Courses Only Option:
-12 credits reserved as BS student
-18 credits taken as MS student
Thesis Option:
-12 credits of coursework reserved as BS student
- 9 credits of oursework taken as MS student
-10 credits of CSCI 590 taken as MS student
- 6 credits thesis plus thesis defense

Recommended Core (AHSD)
CS 145RA – Web Design

Math & Science Electives
13 credits required.
Suggested Electives:
BIOB 105CS, BIOB 110, BIOB 170IN, CHMY 141, ERTH 101IN, GEO 103, PHSX 220, PHSX 222