Computer Science (BS)

The following course sequence sheet is for illustrative purposes only and should not be construed as formal academic advisement. Course selections and sequence may vary depending on course availability and counsel from your academic adviser. You should consult an academic adviser before developing an actual academic plan.

Cr.	First Semester	Cr.	Second Semester
3	MATH.125 Calculus I	3	MATH.126 Calculus II
4	COMPSCI.121 Object-Oriented Prog w/Java	4	COMPSCI.122 Graphical User Interfaces in Java
3	ENGLISH.101 Found of College Writing	3	General Education Course
3	General Education Course	3	General Education Course
3	General Education Course	3	COMMSTUD.103 Public Speaking
16	Total Semester Credits	16	Total Semester Credits

Cr.	Third Semester	Cr.	Fourth Semester
3	MATH.185 Discrete Mathematics	3	MATH.141 Introduction to Statistics
3	COMPSCI.221 Advanced Java		or MATH.241 Probability & Statistics
3	COMPSCI.240 Advanced Systems Languages	3	COMPSCI.330 Computer Organization
3	INTSTUDY.231 Technical Writing	3	COMPSCI.355 Analysis of Algorithms & Data Struct
3	General Education Course	3	General Education Course
		3	COMPSCI.360 Computer Ethics, Social Impact & Sec
15	Total Semester Credits	15	Total Semester Credits

Cr.	Fifth Semester	Cr.	Sixth Semester
3	Mathematics Elective (MATH.200 & above)	3	COMPSCI.386 Concurrent Prog & Found Oper Sys
3	COMPSCI.357 Principles of Database Design	3	Computer Science Elective 1
3	COMPSCI.255 Data Structures using C++	3	Mathematics Major Elective
4	Elective Lab Science Course 1	4	Elective Lab Science Course 2
3	General Education Course	3	General Education Course
16	Total Semester Credits	16	Total Semester Credits

Cr.	Seventh Semester	Cr.	Eighth Semester
4	Elective Science Course 3	3	COMPSCI.480 Object-Oriented Software Engin
	Computer Science Elective 2	3	Computer Science Elective 3
3	Mathematics/Science Elective	3	Free Elective
3	Free Elective	4	Free Elective
1	General Education Course	1	General Education Course
14	Total Semester Credits	14	Total Semester Credits
	TOTAL CREDITS:	120	

IMPORTANT NOTES:

The sequence of General Education courses is an example only; they may be taken in any order.

Major Electives shown as an example only; consult advisor for current schedule of department electives.

Number of Free Electives will depend on major elective choices.

Two Courses selected for the Major, General Education or Free Elective must also quality as Diversity courses. See list of Diversity Courses and consult advisor.