COMPUTER SCIENCE, BS

Example Plan of Study
Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 2144	Calculus I (A)	4
CS 1113	Computer Science I (A)	3
General Education courses		8
	Hours	**15**
Spring		
MATH 2153	Calculus II (A)	3
CS 2133	Computer Science II	3
General Education courses		9
	Hours	**15**
Sophomore		
Fall		
CS 2433	C/C++ Programming	3
CS 3653	Discrete Mathematics for Computer Science	3
MATH 2163	Calculus III	3
General Education courses		6
	Hours	**15**
Spring		
CS 3353	Data Structures and Algorithm Analysis I	3
CS 3443	Computer Systems	3
MATH 3013	Linear Algebra (A)	3
Major, College, and Elective courses		6
	Hours	**15**
Junior		
Fall		
CS 4243	Introduction to Computer Security	3
STAT 4033	Engineering Statistics	3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
CS 3613	Theoretical Foundations of Computing	3
3 hours Upper-Division CS Elective		3
Major, College, and Elective courses		9
	Hours	**15**
Senior		
Fall		
CS 3363	Organization of Programming Languages	3
CS 3513	Numerical Methods for Digital Computers	3
3 hours Upper-Division CS Elective		3
Major, College, and Elective courses		6
	Hours	**15**
Spring		
CS 4323	Design and Implementation of Operating Systems I	3
CS 4883	Social Issues in Computing	3
CS 4983	Senior Capstone Project	3
3 hours Upper-Division CS Elective		3
Major, College, and Elective courses		3
	Hours	**15**
	Total Hours	**120**

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Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.