

B.S. Computer Science Degree Plan (2026/27 catalog)

First Year			
Fall		Spring	
COMP 110: Computational Problem Solving	3.5	COMP 120: Programming Abstractions & Method.	3.5
MATH 150: Calculus I	4	MATH 262: Discrete Math	3
Core Curriculum	9	Core Curriculum	9
Total Semester Units	16.5	Total Semester Units	15.5
Second Year			
Fall		Spring	
COMP 280: Intro to Computer Systems	3.5	COMP 230: Adv. Comp. Problem Modeling	3.5
MATH 151: Calculus II	4	ISYE 330: Engineering Probability and Stats	3
Natural Science	4	MATH 320: Linear Algebra	3
Core Curriculum	3	Upper-Division COMP Elective	3
		Core Curriculum	3
Total Semester Units	14.5	Total Semester Units	15.5
Third Year			
Fall		Spring	
COMP 305: Object-Oriented Software Design	3.5	COMP 480: Algorithms	3
COMP 370: Automata, Comp. & Formal Lang.	3	Upper-Division COMP Elective	3
COMP Ethics (PHIL 345 or 348) or COMP Systems (COMP 300 or 310 or 375)	3.5	COMP Ethics (PHIL 345 or 348) or COMP Systems (COMP 300 or 310 or 375)	3
Upper-Division COMP Elective	3	Core Curriculum, Upper Division Courses, or Free Electives	6
Core Curriculum, Upper Division Course, or Free Elective	3		
Total Semester Units	16	Total Semester Units	15
Fourth Year			
Fall		Spring	
COMP 491: Senior Project I	3	COMP 492: Senior Project II	3
COMP Systems (COMP 300 or 310 or 375)	3.5	Natural Science	4
Core Curriculum, Upper Division Courses, or Free Electives	9	Core Curriculum, Upper Division Courses, or Free Electives	9
Total Semester Units	15.5	Total Semester Units	16

In addition to major and core curriculum requirements, students must earn a minimum of 48 units of upper-division courses and a total of 124 units to graduate.

Total COMP Degree Units	124
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