

B.A. Computer Science Degree Plan (2024/25 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 or MATH 260: Foundations of Higher Math	3
Core Curriculum	9	Core Curriculum	9
Total Semester Units		Total Semester Units	
	16.5		15.5
Second Year			
Fall		Spring	
MATH 320: Linear Algebra or ISYE 330: Engineering Probability & Statistics	3	COMP 230: Advanced Computational Problem Modeling	3.5
COMP 280: Intro to Computer Systems	3.5	Free Electives	4
Core Curriculum	9	Core Curriculum	9
Total Semester Units		Total Semester Units	
	15.5		16.5
Third Year			
Fall		Spring	
Upper-Division COMP Elective	3	COMP 480: Algorithms	3
COMP 305: Object-Oriented Software Design	3.5	COMP Systems Course or UD COMP Elective	3
Core Curriculum and Free Electives	9	Core Curriculum and Free Electives	9
Total Semester Units		Total Semester Units	
	15.5		15
Fourth Year			
Fall		Spring	
COMP Systems Course or UD COMP Elective	3	Upper Div COMP Elective	3
COMP 491: Senior Project I	3	COMP 492: Senior Project II	3
PHIL 345: Computer Ethics or PHIL 348: Ethics of AI & Robotics	3	Core Curriculum and Free Electives	9
Core Curriculum and Free Electives	6		
Total Semester Units		Total Semester Units	
	15		15

Total COMP Degree Units	124
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