Typical Four-Year BS in Computer Science Graduation Plan

A richer preparation will allow more flexibility. Poor preparation means taking additional courses that serve as prerequisites. Students are required to consult with a CSE advisor.

Freshman Year

Fall	Winter	Spring
(4) CSE 201 CS I	(4) CSE 202 CS II	(4) CSE 330 Data Structures
(4) MATH 211 Basic Calculus I [B.1]	(4) MATH 212 Calculus II	(4) MATH 213 Calculus III
(4) MATH 272 Discrete Math	(4) COMM 120 Oral Communication [A.2]	(4) Critical thinking [A.4]
(4) ENG 101 Freshman Composition [A.1]	(4) HIST 146 American Civilization [D.1]	(4) Literature [C.2]
(16)	**(16)**	**(16)**

Sophomore Year

Fall	Winter	Spring
(4) CSE 350 File Systems	(4) CSE 431 Algorithm Analysis	(4) CSE 320 Programming Languages
(4) MATH 262 Applied Statistics	(4) MATH 372 Combinatorics	(4) CSE Elective 1
(5) PHYS 221 General Physics I	(5) PHYS 222 General Physics II	(5) PHYS 223 General Physics III
(4) PSCI 203 American Gov [D.2]	(4) Art [C.1]	(4) Philosophy [C.4]
(17)	**(17)**	**(17)**

Junior Year

Fall	Winter	Spring
(5) CSE 310 Digital Logic	(4) CSE 313 Machine Organization	(5) CSE 401 Computer Architecture
(4) CSE 500 Formal Lang Automata	(4) CSE 455 Software Engineering	(4) CSE 460 Operating Systems
(4) Foreign Language [C.3]	(4) Discipline Perspective [D.4]	(4) World Cultures [D.3]
(2) Whole Person [E.1]	(2) Whole Person [E.2]	(4) NSCI 306 Expository Writing [F.1]
(15)	**(14)**	**(17)**

Senior Year

Fall	Winter	Spring
(2) CSE 489 Senior Seminar	(2) CSE 488 Ethics	(4) CSE Elective 3
(4) CSE Elective 2	(4) CSE Elective 4.1	(4) CSE Elective 4.2
(4) Natural Sciences Capstone [B.5]	(4) Humanities Capstone [C.5]	(4) Social & Behavioral Capstone [D.5]
(5) BIOL 100 [B.2]	(2) Science & Tech. [B.4]	(5) Science with Laboratory [B.3]
	(2) Physical Education [E.3]	
(15)	**(14)**	**(17)**

[ ] Refers to General Education Categories

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