

Typical Six-Year Bachelor of Science Degree in Computer Science

The following is one possible sequence of courses to complete a degree in 6 years. The Department requires that each student verify their course plan with a faculty adviser.

1st Year

Fall

(4) CSCI 125 Programming in Visual Basic
(4) MATH 211 Basic Calculus I [B.1]
(4) COMM 120 Oral Communication [A.2]
(12)

Winter

(4) CSCI 201 CS I
(4) MATH 212 Calculus II
(4) ENG 101 Freshman Composition [A.1]
(12)

Spring

(4) CSCI 202 CS II
(4) MATH 213 Calculus III
(4) MATH 272 Discrete Math
(12)

2nd Year

Fall

(4) CSCI 330 Data Structures
(4) Critical thinking [A.4]
(8)

Winter

(4) CSCI 320 Programming Languages
(4) HIST 146 American Civilization [D.1]
(8)

Spring

(4) CSCI 350 File Systems
(4) Literature [C.2]
(8)

3rd Year

Fall

(4) MATH 372 Combinatorics
(5) PHYS 221 General Physics I
(9)

Winter

(4) CSCI 431 Algorithm Analysis
(5) PHYS 222 General Physics II
(9)

Spring

(4) MATH 262 Applied Statistics
(5) PHYS 223 General Physics III
(9)

4th Year

Fall

(5) CSCI 310 Digital Logic
(4) CSCI Elective 1
(4) PSCI 203 American Gov [D.2]
(13)

Winter

(4) CSCI 313 Machine Organization
(4) CSCI 455 Software Engineering
(4) Art [C.1]
(12)

Spring

(5) CSCI 401 Computer Architecture
(4) CSCI 460 Operating Systems
(4) NSCI 306 Expository Writing [F.1]
(13)

5th Year

Fall

(2) CSCI 488 Ethics
(4) Foreign Language [C.3]
(2) Whole Person [E.1]
(8)

Winter

(4) CSCI Elective 2
(4) Discipline Perspective [D.4]
(2) Whole Person [E.2]
(10)

Spring

(4) CSCI Elective 3
(4) World Cultures [D.3]
(4) Philosophy [C.4]
(12)

6th Year

Fall

(2) CSCI 489 Senior Seminar
(4) Natural Sciences Capstone [B.5]
(5) BIOL 100 [B.2]
(11)

Winter

(4) CSCI Elective 4.1
(4) Humanities Capstone [C.5]
(2) Science & Tech. [B.4]
(2) Physical Education [E.2]
(12)

Spring

(4) CSCI Elective 4.2
(4) Social & Behavioral Capstone [D.5]
(5) Science with Laboratory [B.3]
(13)

[] Refers to General Education Categories

The yearly schedule of courses on which this plan is based is subject to revision without prior notice.