

Typical Four-Year Bachelor of Science Degree in Computer Science

The following is one possible sequence of courses to complete a degree in 4 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]
(4) Critical thinking [A.4]

(16)

Winter

(4) CSCI 201 CS I
(4) MATH 212 Calculus II
(4) ENG 101 Freshman Composition [A.1]
(4) HIST 146 American Civilization [D.1]

(16)

Spring

(4) CSCI 202 CS II
(4) MATH 213 Calculus III
(4) MATH 272 Discrete Math
(4) Literature [C.2]

(16)

2nd Year

Fall

(4) CSCI 330 Data Structures
(4) MATH 372 Combinatorics
(5) PHYS 221 General Physics I
(4) PSCI 203 American Gov [D.2]

(17)

Winter

(4) CSCI 320 Programming Languages
(4) CSCI 431 Algorithm Analysis
(5) PHYS 222 General Physics II
(4) Art [C.1]

(17)

Spring

(4) CSCI 350 File Systems
(4) MATH 262 Applied Statistics
(5) PHYS 223 General Physics III
(4) Philosophy [C.4]

(17)

3rd Year

Fall

(5) CSCI 310 Digital Logic
(4) CSCI Elective 1
(4) Foreign Language [C.3]
(2) Whole Person [E.1]

(15)

Winter

(4) CSCI 313 Machine Organization
(4) CSCI 455 Software Engineering
(4) Discipline Perspective [D.4]
(2) Whole Person [E.2]

(14)

Spring

(5) CSCI 401 Computer Architecture
(4) CSCI 460 Operating Systems
(4) World Cultures [D.3]
(4) NSCI 306 Expository Writing [F.1]

(17)

4th Year

Fall

(2) CSCI 488 Ethics
(2) CSCI 489 Senior Seminar
(4) Natural Sciences Capstone [B.5]
(5) BIOL 100 [B.2]

(13)

Winter

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

(16)

Spring

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

(17)

[] Refers to General Education Categories

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