

Typical Two-Year Bachelor of Science Degree in Bioinformatics

The following is one possible sequence of courses to complete a degree in two years; it assumes that the student has taken other required courses at another school. The Department requires that each student verify their course plan with a faculty adviser.

1st Year

Fall

(5) BIO 300 Cell Physiology
(4) CSCI 330 Data Structures
(5) CHEM 436 Biochemistry
(14)

Winter

(5) BIO 400 Molecular Biology
(4) CSCI 455 Software Engineering
(4) CSCI 431 Algorithm Analysis
(13)

Spring

(4) Natural Sciences Capstone [B.5]
(4) Humanities Capstone [C.5]
(8)

2nd Year

Fall

(4) CSCI 572 Database
(4) CSCI 535 Numerical Computation
(4) CSCI 551 Advance Bioinformatics II
(4) CSCI 500 Automata
(16)

Winter

(5) CHEM 451 Chemistry for Biochemist
(4) BIO 421 Genetics (Elective)
(4) Social & Behavioral Capstone [D.5]
(13)

Spring

(4) CSCI 550 Advance Bioinformatics I
(4) NSCI 306 Expository Writing [F.1]
(8)

[] Refers to General Education Categories

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