Bioinformatics (2019-2020)

**Fall (15hrs)**

- CSI 1430 INTRO CSI II (B or better)
- CSI 2350 DISCRETE STRUCTURES
- CSI 3334 DATA STRUCTURES
- CSI 3344 INTRO ALGORITHMS
- CSI 3471 SOFTWARE EGR I

**Spring (17hrs)**

- CSI 2334 INTRO COMP SYSTEMS
- CSI 3335 DATABASE DESIGN
- CSI 4337 OPERATING SYSTEMS or CSI 3372 SOFTWARE EGR II
- CSI 4339 CAPSTONE

**Fall (15hrs)**

- CSI 3336 SYSTEMS PROGRAM
- CSI 3337 OPERATING SYSTEMS or CSI 3372 SOFTWARE EGR II
- CSI 3338 DATABASE DESIGN
- CSI 3340 SOFTWARE EGR III
- CSI 3360 COMP BIO

**Spring (16hrs)**

- CSI 3341 DATABASE DESIGN
- CSI 3342 SOFTWARE EGR III
- CSI 3343 SOFTWARE EGR III

**Fall (14hrs)**

- CSI 3344 INTRO ALGORITHMS
- CSI 3345 DATABASE DESIGN
- CSI 3346 SOFTWARE EGR IV
- CSI 3347 DATABASE DESIGN

**Spring (16hrs)**

- CSI 3348 SOFTWARE EGR IV
- CSI 3349 SOFTWARE EGR IV
- CSI 3350 GENOMICS

**Notes:**

- **History/Social Science:** Six hours from Anthropology, Economics, Geography, History, Philosophy, Political Science, Psychology, or Sociology.
- **Biology Elective:** Four hours from the following: BIO 3212, 3322, 3330, 4100, 4107, 4108, 4307, 4308, 4401.

*Third-level proficiency required in a foreign language – one language through 2310 or equivalent.

Contact your academic advisor about receiving a prerequisite override.

Notes: Must have 36 hours of advanced work ("3000"-"4000" courses) and a minimum of 124 hours. Must have a grade of C or better in all CSI and BIO hours counted toward the major. The BU Undergraduate catalog serves as the student’s final authority on all degree requirements.