Bioinformatics (2016-2017)

FALL (15hrs) SPRING (17hrs) FALL (15hrs) SPRING (17hrs) FALL (15-16hrs) SPRING (16-17hrs) FALL (14hrs) SPRING (16hrs)

CSI 1430 INTRO CSI I
CSI 1440 INTRO CSI II
CSI 3334 DATA STRUCTURES
CSI 3344 INTRO ALGORITHMS
CSI 3130 INTRO TO JAVA
CSI 2350 DISCRETE STRUCTURES
CSI 3371 SOFTWARE EGR I
CSI 3335 DATABASE DESIGN
CSI 4337 OPERATING SYSTEMS
CSI 3336 SYSTEMS PROGRAM

CSI 1440 INTRO CSI II (B or better)
CSI 3334 DATA STRUCTURES
CSI 3344 INTRO ALGORITHMS
CSI 3130 INTRO TO JAVA

CSI 3371 SOFTWARE EGR I
CSI 3335 DATABASE DESIGN

CSI 2334 INTRO COMP SYSTEMS
CSI 4337 OPERATING SYSTEMS

CSI 3336 SYSTEMS PROGRAM
CSI 3372 SOFTWARE EGR II

CSI 2334 INTRO COMP SYSTEMS
CSI 3336 SYSTEMS PROGRAM

CSI 3335 DATABASE DESIGN
CSI 3335 DATABASE DESIGN

BINF 3350 GENOMICS
BINF 3360 COMP BIO

BINF 43C9 CAPSTONE

CSI ELECTIVE

MTH 1321 CALC 1
STA 2381 or STA 3381 STATISTICS

ENG 1302 WRITING
CHE 1301-1101 CHEM 1 + LAB

LF 11xx LIFE FITNESS
CHAPEL

BIO 1305-1105 BIO 1 + LAB
BIO 1306-1106 BIO 2 + LAB
BIO 2306-2106 GENETICS + LAB

REL 1310 SCRIPTURES
REL 1350 HERITAGE
CHE 1302-1102 CHEM 2 + LAB

PSC 2302 or ENG 2301*

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FOREIGN LANGUAGE★
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BIO 4306-4106 MOLECULAR GENETICS + LAB
CHE 3331 O CHEM 1
CHE 3332 O CHEM 2
CHE 3238 O CHEM LAB

BIO 4306-4106 MOLECULAR GENETICS + LAB
CHE 3331 O CHEM 1
CHE 3332 O CHEM 2
CHE 3238 O CHEM LAB

BIO ELECTIVE (4 HRS)

HISTORY/SOCIAL SCIENCE

* 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 but four hours of CSI hours counted toward the major. The BU Undergraduate catalog serves as the student’s final authority on all degree requirements.

History/Social Science: Six hours from Anthropology, Economics, Geography, History, Philosophy, Political Science, Psychology, or Sociology
Biology Elective: Four hours from the following: BIO 3330, 3422, 4100, 4107, 4108, 4307, 4308, 4401