BACHELOR OF SCIENCE IN INFORMATICS – BIOINFORMATICS MAJOR (2022 – 2023)

FALL (15hrs)
- CSI 1401 INTRO PROGRAM I
- MTH 1321 CALCULUS 1
- REL 1310 SCRIPTURES
- REL 1350 HERITAGE
- STL 1102 FY SEMINAR
- CHA 10XX CHAPEL

SPRING (15hrs)
- CSI 1402 INTRO PROGRAM II
- DSC 2350 DISCRETE FOR DS
- CHE 1301/1101 CHEM 1 + LAB
- LF 11XX FITNESS
- CHA 10XX CHAPEL
- ENG 1310 WRITING

FALL (16hrs)
- CSI 2300 INTRO DATA SCIENCE
- DSC 2334 COMP SYSTEMS FOR DS
- CHE 1302/1102 CHEM 2 + LAB
- PSC 1387 or ENG 2301
- ENG 1310 WRITING

SPRING (16hrs)
- DSC 3335 DATABASE
- DSC 3334 ALGORITHMS & DATA STRUCTURES
- CHE 3331 O CHEM 1
- FOREIGN LANGUAGE
- BIO ELECTIVE (4 HRS)

FALL (15hrs)
- DSC 3330 DATABASE
- DSC 3344 ANALYTICS FOR MACHINE LEARNING
- CHE 3332 O CHEM 2
- FOREIGN LANGUAGE
- BIO ELECTIVE (4 HRS)

SPRING (15hrs)
- DSC 4310 MACHINE LEARNING
- DSC 3310 CLOUD COMPUTING
- GTX 2301 ANCIENT
- GTX 2302 MEDIEVAL
- PWR 3300 TECH WRIT

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. This flowchart is meant to be an advising tool. The BU Undergraduate Catalog serves as the student's final authority on all degree requirements.

Prerequisite

Prerequisite or concurrent enrollment

Course offered only in semester indicated

Must complete course with a grade of "B" or better

Second level proficiency (at least 1302 or 1412) must be achieved

Request permission to register through the Biology Department request form

History/Social Science: Six hours from Anthropology, Economics, History, Philosophy, Political Science (except PSC 1397), Psychology, Sociology, and GEOG 1300

Biology Elective: Four hours from the following: BIO 3122, 3322, 3330, 4100, 4102, 4107, 4108, 4302, 4307, 4308, 4401, or CHE 4341

4/22 SM