BACHELOR OF SCIENCE IN INFORMATICS – DATA SCIENCE MAJOR 2021-2022

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

CSI 1401 INTRO PROGRAM I  CSI 1402 INTRO PROGRAM II  CSI 2300 INTRO DATA SCIENCE  DSC 3335 DATABASE  DSC 3310 CLOUD COMPUTING  DSC 4320 VISUALIZATION  DSC 43C8 BIG DATA  DSC 43C9 DS CAPSTONE

DSC 2350 DISCRETE STRUCTURES  DSC 2334 COMP SYSTEMS  DSC 3334 ALGORITHMS & DATA STRUCTURES  DSC 3344 ANALYTICS FOR MACHINE LEARNING  DSC 4310 MACHINE LEARNING  DSC 4354 CYBER FOR DS

CSI 3374 SOFTWARE PROJ MNGT

MTH 1321 CALCULUS I  MTH 1322 CALCULUS II  MTH 2311 LINEAR ALGEBRA  STA 3381 STATISTICS  STA 4373 COMP METHODS  COMM. AND MEDIA LIT DL  PHI 1310 COMPUTER ETHICS  GENERAL ELECTIVE

RESEARCH WRITING DL

REL 1310 SCRIPTURES  REL 1350 HERITAGE  FOREIGN LANGUAGE

FOREIGN LANGUAGE

LAB SCIENCE

LAB SCIENCE  LF 11XX FITNESS

CHA 10XX CHAPEL

CH 10XX CHAPEL

NOTES: Must have 36 hours of advanced work (3000-4000 courses) and a minimum of 125 hours. This flowchart is meant to be an advising tool. The BU Undergraduate Catalog serves as the student’s final authority on all degree requirements. Options with a Distribution List (DL) refer to options within the College of Arts & Sciences and can be found at www.baylor.edu/artsandsciences/corecurriculum.

*MINOR: Minors in Mathematics or Computer Science will not apply

SCIENCES: Select 8 hours from the following courses:
BIO 1305/1105, BIO 1306/1106, CHE 1301/1101, CHE 1302/1102, GEO 1405, GEO 1306/1106, PHY 1408, PHY 1409, PHY 1420 or PHY 1430

◊: Required

Prerequisite

Prerequisite or concurrent enrollment

May not be required, pending placement

Course only offered during indicated term

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

(Lab is required with corresponding lecture.)

4/21 SM