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

FALL (17hrs)  
- CSI 1401 INTRO PROGRAM I  
- CSI 1402 INTRO PROGRAM II  
- CSI 2300 INTRO DATA SCIENCE  
- CSI 2350 DISCRETE STRUCTURES  
- CSI 2334 COMP SYSTEMS  
- DSC 3335 DATABASE  
- DSC 3334 ALGORITHMS & DATA STRUCTURES  
- DSC 3344 ANALYTICS FOR MACHINE LEARNING  
- DSC 3310 CLOUD COMPUTING  
- DSC 4320 VISUALIZATION  
- DSC 43C8 DS CAPSTONE I  
- DSC 43C9 DS CAPSTONE II  

SPRING (17hrs)  
- 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  

FALL (16hrs)  
- REL 1310 SCRIPTURES  
- REL 1350 HERITAGE  
- FOREIGN LANGUAGE  
- FOREIGN LANGUAGE  
- LF 11XX FITNESS  
- PSC 1387 U.S. GOVT  
- EGR 4301 GBEC  
- LIT IN CONTEXT DL  
- CONTEMP SOCIAL ISSUES DL

SPRING (15hrs)  
- LAB SCIENCE  
- LAB SCIENCE  
- CHA 10XX CHAPEL  
- CHA 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.

- 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

SCIENCE: One group from the following:
1. BIO 1305/1105 and 1306/1106
2. CHE 1301/1101 and 1302/1102
3. GEO 1405 and 1306/1106
4. PHY 1408 and 1409 OR PHY 1420 and 1430