BACHELOR OF SCIENCE IN INFORMATICS – DATA SCIENCE MAJOR 2023-2024

FALL (16hrs)  
CSI 1401 INTRO PROGRAM I  
CSI 1402 INTRO PROGRAM II  
DSC 2350 DISCRETE FOR DS  

SPRING (17hrs)  
CSI 2300 INTRO DATA SCIENCE  
DSC 3335 DATABASE  
DSC 2334 COMP SYSTEMS FOR DS  

FALL (16hrs)  
DSC 3334 ALGORITHMS & DATA STRUCTURES  
DSC 3310 CLOUD COMPUTING  

SPRING (15hrs)  
DSC 2334 DATABASE  
DSC 4320 VISUALIZATION  
DSC 3335 DATABASE  

FALL (15hrs)  
DSC 3344 ANALYTICS FOR MACHINE LEARNING  
DSC 4310 MACHINE LEARNING  
DSC 4354 COMP SECURITY  

SPRING (15hrs)  
DSC 43C9 BIG DATA  
DSC 43C8 BIG DATA  
DSC 3374 SOFTWARE PROJ MNGT  

MTH 1321 CALCULUS I  
MTH 1322 CALCULUS II  
MTH 2311 LINEAR ALGEBRA  
STA 3381 STATISTICS  

MINOR COURSE  
MINOR COURSE  
MINOR COURSE  
MINOR COURSE  
MINOR COURSE  
MINOR COURSE  
MINOR COURSE  
MINOR COURSE  
MINOR COURSE  

REL 1310 SCRIPTURES  
REL 1350 HERITAGE  
COMM. AND MEDIA LIT DL  
LAB SCIENCE  

general credit (3 hours)  
general credit (3 hours)  
general credit (3 hours)  

RESEARCH WRITING DL  
CHA 10XX CHAPEL  
CHA 10XX CHAPEL  
LF 11XX FITNESS  

CONSPECTUS:  
Prerequisite  
Prerequisite or concurrent enrollment  
If needed to reach the graduation requirement of 124 total earned hours  
Course only offered during indicated term  

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 https://corecurriculum.artsandsciences.baylor.edu/core-requirements/distribution-lists

MINOR: Minors in Mathematics, Statistics, or Computer Science will not apply

SCIENCE: 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

(Lab is required with corresponding lecture.)