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

CSI 2334 ALGORITHMS & DATA STRUCTURES

DSC 3335 DATABASE

DSC 3344 ANALYTICS FOR MACHINE LEARNING

DSC 3310 CLOUD COMPUTING

DSC 4320 VISUALIZATION

DSC 43CB DS CAPSTONE I

DSC 43C9 DS CAPSTONE II

FALL (16hrs)

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 (15hrs)

RESEARCH WRITING DL

* MINOR COURSE

* MINOR COURSE

* MINOR COURSE

* MINOR COURSE

* MINOR COURSE

* MINOR COURSE

REL 1310 SCRIPTURES

REL 1350 HERITAGE

FOREIGN LANGUAGE

FOREIGN LANGUAGE

PSC 1387 U.S. GOVT

◊ EGR 4301 GBEC

◊ LIT IN CONTEXT DL

◊ CONTEMP SOCIAL ISSUES DL

REL SCIENCE

LAB SCIENCE

LAB SCIENCE

LF 11XX FITNESS

CHA 10XX CHAPEL

CHA 10XX CHAPEL

CSI 1095 FY SEMINAR

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

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

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

(Lab is required with corresponding lecture.)

4/21 SM