**BACHELOR OF SCIENCE IN INFORMATICS – DATA SCIENCE MAJOR 2022-2023**

**FALL (15hrs)**
- CSI 1401 INTRO PROGRAM I
- CSI 1402 INTRO PROGRAM II
- DSC 2350 DISCRETE FOR DS
- DSC 2334 COMP SYSTEMS FOR DS

**SPRING (17hrs)**
- CSI 2300 INTRO DATA SCIENCE
- DSC 3335 DATABASE
- DSC 3334 ALGORITHMS & DATA STRUCTURES
- DSC 2334 COMP SYSTEMS FOR DS

**FALL (16hrs)**
- CSI 2301 INTRO PROGRAM III
- CSI 2302 INTRO PROGRAM IV
- DSC 2300 INTRO DATA SCIENCE
- DSC 3335 DATABASE
- DSC 3334 ALGORITHMS & DATA STRUCTURES

**SPRING (15hrs)**
- CSI 2301 INTRO PROGRAM III
- CSI 2302 INTRO PROGRAM IV
- DSC 2300 INTRO DATA SCIENCE
- DSC 3335 DATABASE
- DSC 3334 ALGORITHMS & DATA STRUCTURES

**FALL (15hrs)**
- CSI 2350 DISCRETE FOR DS
- DSC 3334 ALGORITHMS & DATA STRUCTURES
- DSC 3310 CLOUD COMPUTING
- DSC 3344 ANALYTICS FOR MACHINE LEARNING

**SPRING (15hrs)**
- DSC 3310 CLOUD COMPUTING
- DSC 3344 ANALYTICS FOR MACHINE LEARNING
- DSC 4320 VISUALIZATION
- DSC 4310 MACHINE LEARNING

**FALL (15hrs)**
- DSC 43C9 BIG DATA CAPSTONE

**SPRING (15hrs)**
- DSC 43C9 BIG DATA CAPSTONE
- CSI 4354 SOFTWARE PROJECT MNGT

**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](http://www.baylor.edu/artsandsciences/corecurriculum).

**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.)

**NOTES**
- May not be required, pending placement
- Course only offered during indicated term
- Second level proficiency (at least 1302 or 1412) must be achieved
- Minors in Mathematics or Computer Science will not apply

4/21 SM