DATA SCIENCE MAJOR (2024-2025)

FALL (16hrs)  |  SPRING (16hrs)  |  FALL (16hrs)  |  SPRING (16hrs)  |  FALL (16hrs)  |  SPRING (15hrs)  |  FALL (15hrs)  |  SPRING (15hrs)  
---|---|---|---|---|---|---|---
CSI 1401 INTRO TO PROGRAM I  |  CSI 1402 INTRO TO PROGRAM II  |  CSI 2300 INTRO TO DATA SCIENCE  |  DSC 3335 DATABASE  |  DSC 3310 CLOUD COMPUTING  |  DSC 4320 VISUALIZATION  |  DSC 43C8 BIG DATA  |  DSC 43C9 DS CAPSTONE  
  |  |  DSC 2350 DISCRETE FOR DS  |  DSC 2334 COMP SYSTEMS FOR DS  |  DSC 3334 ALGORITHMS & DATA STRUCTURES  |  DSC 4310 MACHINE LEARNING  |  DSC 4354 COMP SECURITY  |  
  |  MTH 1321 CAL 1  |  MTH 1322 CAL 2  |  MTH 2311 LINEAR ALGEBRA  |  STA 3381 STATISTICS  |  STA 4373 COMP METHODS  |  
  |  |  |  |  |  |  

REL 1310 SCRIPTURES  |  REL 1350 HERITAGE  |  MINOR COURSE  |  MINOR COURSE  |  MINOR COURSE  |  MINOR COURSE  |  MINOR COURSE  |  MINOR COURSE  
COMM. AND MEDIA LIT DL  |  PSC 1387 U.S. GOVT  |  LAB SCIENCE  |  LAB SCIENCE  |  MINOR COURSE  |  MINOR COURSE  |  MINOR COURSE  |  MINOR COURSE  
RESEARCH WRITING DL  |  
CHA 10XX CHAPEL  |  CHA 10XX CHAPEL  |  

NOTES: This flowchart is meant to be an advising tool. The Baylor Undergraduate Catalog is the student’s final authority on all degree requirements. A 'C' or better must be earned in all courses in your major, as well as any math prerequisites for major courses.

Lab 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.)

Distribution Lists (DL):
Select one course, 3 hours, from the corresponding A&S Distribution List

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

* See the Foreign Language & Culture Distribution List for ECS in the Undergraduate Catalog

◊ If needed to reach the graduation requirement of 124 total earned hours