

Minor in Data Science (DATASCI)

Administered by: Department of Mathematical and Digital Sciences

Effective Spring 2019

The program requires 21 hours of data science, computer science and mathematics courses. The quality point average of all courses applied to the minor in Data Science must be at least 2.0 based on a 4.0 system.

Required courses are:

- COMPSCI 115 Python Programming
- COMPSCI 215 Advanced Python Programming
- MATH 141 Introduction to Statistics or MATH 241 Probability and Statistics
- DATASCI 110 Introduction to Data Science
- DATASCI 210 Data Visualization
- DATASCI 410 Machine Learning

The remaining course (3 semester hours) may be selected from the following list.

- DATASCI 310 Databases for Big Data
- MATH 125 Calculus 1
- MATH 240 Statistical Methods
- MATH 340 Statistical Software
- COMPSCI 348 Data Mining
- COMPSCI 357 Database Design

An appropriate class from another department may be used as the elective course with approval by the Department of Mathematical and Digital Sciences.

Example: ITM 320 Data Science for Business