

Department of Mathematics, Computer Science,  
and Statistics  
**Data Science Minor**

The Data Science minor consists of 7 units.

**Requirement Checklist:**

**Required courses (6)**

- CS 140: Introduction to Computer Programming \_\_\_\_\_
- CS 219: Techniques of Computer Science \_\_\_\_\_
- CS 256: Data Structures \_\_\_\_\_
- STAT 113: Applied Statistics \_\_\_\_\_
- STAT 213: Applied Regression Analysis \_\_\_\_\_
  - o ECON 342: Econometrics can be used as a substitute \_\_\_\_\_
- DATA 234: Introduction to Data Science \_\_\_\_\_

**Elective (choose 1)** Courses not listed here may potentially be approved by the department chair as electives.

- CS 345: Database Systems \_\_\_\_\_
- CS 332: Web Programming \_\_\_\_\_
- CS 340: Software Engineering \_\_\_\_\_
- CS 362: Algorithm Analysis \_\_\_\_\_
- CS 374: Artificial Intelligence \_\_\_\_\_
- MATH 217: Linear Algebra \_\_\_\_\_
- MATH 205: Multivariable Calculus \_\_\_\_\_
- MATH 230: Differential Equations \_\_\_\_\_
- MATH 318: Graph Theory \_\_\_\_\_
- STAT 226: Statistical Methods of Data Collection \_\_\_\_\_
- STAT 325: Probability \_\_\_\_\_
- STAT 326: Mathematical Statistics \_\_\_\_\_
- STAT 343: Time Series Analysis \_\_\_\_\_

Fall 20 ____	Spring 20 ____	Fall 20 ____	Spring 20 ____