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# ONLINE STATISTICS AND DATA SCIENCE MINOR REQUIREMENTS

Minimum units required: 18 total, 6 upper-division  
(at least 3 units must be completed at UA)

(2024-26 catalogs)

Minimum minor GPA: 2.00

Computing Requirements – available to **ONLINE** campus students<sup>1</sup>:

1. Python Programming: CSC 110 or ISTA 130; prerequisite to ISTA 322 and DATA 363
2. SQL/Data Management: ISTA 322 or similar; pre- or co-requisite to DATA 363

Minor Course Requirements:

3. Complete five courses:
  - a. MATH 122A/B or 125: Calculus I<sup>2</sup>
  - b. MATH 129: Calculus II
  - c. DATA 201: Foundations of Data Science<sup>3</sup>
  - d. MATH 313: Introduction to Linear Algebra<sup>4</sup>
  - e. DATA 363: Introduction to Statistics
4. Choose one additional upper-division course; current available courses:
  - a. DATA 467: Intro to Applied Regression and Generalized Linear Models is usually offered online in spring
  - b. DATA 462: Financial Math may sometimes be available online in summer
  - c. Check the schedule of classes for current offerings numbered above 363 under the DATA prefix.

<sup>1</sup>Programming is required for enrollment in DATA 363, but students who are not majors in Statistics & Data Science or Data Science may choose non-credit options to learn the necessary skills. Learn more about options here: <http://bit.ly/3YaB7FF>

<sup>2</sup>MATH 122A and 122B are a single-semester sequence that cover Calculus I taken by most students. MATH 125 is an accelerated version with additional placement requirements.

<sup>3</sup>DATA 201 is a Building Connections General Education course. Up to 3 courses may count to fulfill General Education requirements as well as major, pre-major, minor, and/or certificate requirements.

<sup>4</sup>Students with credit for MATH 215 or 310 or 410 can use this credit to complete part 2 of the minor; these courses are not currently available through UA.

To add the SDS minor: <https://www.math.arizona.edu/academics/undergraduate/minors/change-minor>

For advising questions: [math-mathcenter@arizona.edu](mailto:math-mathcenter@arizona.edu)

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