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## STATISTICS AND DATA SCIENCE MINOR REQUIREMENTS

Minimum units required: 18 total, 6 upper-division, 3 at UA

(2024 catalog)

Minimum minor GPA: 2.00

Computing Requirements:

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

Minor Course Requirements:

3. Complete five courses (AP credit is OK):
  - a. MATH 122A/B: Calculus I<sup>3</sup>
  - b. DATA 201: Foundations of Data Science<sup>4</sup>
  - c. MATH 129: Calculus II
  - d. MATH 313: Introduction to Linear Algebra<sup>5</sup>
  - e. DATA 363: Introduction to Statistics
4. Choose one additional upper-division course; current available courses:<sup>6</sup>  
DATA 367, 375, 396T, 412, 462, 467, 474, 496T, MATH 464

<sup>1</sup>Students with prior programming experience without college credit for CSC 110 or ISTA 130 may talk to the Math Center about their preparation to request permission to enroll.

<sup>2</sup>Students with prior SQL/Data Management experience may talk to the Math Center about their preparation to request permission to enroll.

<sup>3</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>4</sup>DATA 201 will be offered starting in Spring 2025. It is a Building Connections General Education course, and is able to double-dip with the SDS minor as such.

<sup>5</sup>Students with credit for MATH 215 or 310 or 410 can use this credit to complete part (d) of the minor though they are not currently available through UArizona.

<sup>6</sup>Note that this course cannot be double-dipped with a Math major. Not all elective courses are offered regularly. DATA 462 and MATH 464 require MATH 223 as an additional prerequisite. Check with the Math Center for availability and for any questions while planning your upper-division elective course.

To add the SDS minor: <http://math.arizona.edu/academics/undergrads/advising/minor>

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

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