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## STATISTICS AND DATA SCIENCE MINOR REQUIREMENTS

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

(2023 catalog)

Minimum minor GPA: 2.00

Computing Requirements:

1. Python Programming: CSC 110 or ISTA 130; prerequisite to ISTA 322 (existing) and DATA 363 (starting Spring '23)<sup>1</sup>
2. SQL/Data Management: ISTA 322 or similar; pre- or co-requisite to DATA 363 (starting Fall '23)<sup>2</sup>

Minor Course Requirements:

3. Complete five courses (AP credit is OK):
  - a. MATH 122A/B: Calculus I<sup>3</sup>
  - b. MATH 129: Calculus II
  - c. MATH 223: Vector Calculus
  - 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:<sup>5</sup>  
DATA 367, 375, 396T, 412, 462, 464, 467, 496T

<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>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 UArizona.

<sup>5</sup>Please consult the course catalog for typical offering schedules and course prerequisites. Note that this course cannot be double-dipped with a Math major. Special topics courses (DATA 396T/496T) are not offered on a regular basis. Check with the Math Center for availability.

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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