MATH MINOR REQUIREMENTS

Minimum units required: 18 total, 6 upper-division, 3 at UA
Minimum minor GPA: 2.00
Course Work Requirements:

1. Complete both (AP credit is OK):
   - MATH 122A/B** or 125: Calculus I
   - MATH 129: Calculus II

2. Choose two courses from:
   - MATH 223: Vector Calculus
   - MATH 243: Discrete Mathematics in Computer Science
   - MATH 254[†]: Introduction to Ordinary Differential Equations
   - MATH 355[†]: Analysis of Ordinary Differential Equations

3. Complete one linear algebra course:
   - MATH 313[‡]: Introduction to Linear Algebra

4. Choose one additional upper-division course from the following; at least six upper-division units required:
   MATH 315, 322, 323, 330, 361[††], 362[††], 363[††], 396T, 401A, 401B, 402, 404, 407, 412, 413, 415A, 415B, 422, 424, 425A, 425B, 432, 443, 445, 446, 447, 454, 456, 462, 464[††], 466[††], 468, 475A, 475B, 481, 485, 488, 496T, 498, 498H, ECOL 480, or equivalent UA South courses, iCourses, or officially cross-listed courses.

[**]MATH 122A and 122B are a single-semester sequence that cover Calculus I. MATH 125 is an accelerated version with additional placement requirements.

[†] MATH 254 and 355 count as duplicate credit; only one of the two courses may be used toward minor requirements. Note that 355 does not count in part 4 of the minor.

[‡]MATH 313 has replaced 215. Either MATH 313 or MATH 310 may be used to complete part 3 of the minor and fulfill upper-division unit requirements in the minor; however, 310 is not currently available here. Students with transfer credit for MATH 215 can use this credit to complete part 3 of the minor, but will need an additional upper-division course (6 units upper-division required).

[††]SDS majors who minor in math must complete at least 6 unique upper-division units in the minor, and may not use courses with "probability" or "statistics" in the title. MATH 363 has added programming requirements: a Python prerequisite, and SQL co-requisite. Contact the Math Center with questions.

To add the Math minor: http://math.arizona.edu/academics/undergrads/advising/minor
For advising questions: mathcenter@math.arizona.edu