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
   - MATH 310‡: Applied 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, 413, 415A, 415B, 422, 424, 425A, 425B, 432, 443, 445, 446, 447, 454, 456, 462, 464††, 466††, 468, 475A, 475B, 485, 488, 496T, 498, 498H, ECOL 480, or equivalent UA South courses, iCourses, or officially cross-listed courses.

*For previous catalogs, see http://math.arizona.edu/academics/undergrads/majors

**MATH 122A and 122B are a single-semester sequence that cover Calculus I. They are equivalent to the old MATH 124 course, which is no longer offered.

† 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; MATH 310 has replaced 410. Either MATH 313 or 310 may be used to complete part 3 of the minor and fulfills upper-division unit requirements in the minor. 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). Students with credit for MATH 410 can use this credit in the same way that 310 may be used.

††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.

To add the Math minor: http://math.arizona.edu/academics/undergrads/advising/minor

For advising questions: mathcenter@math.arizona.edu