

MATHEMATICS - MINOR

The undergraduate minor in mathematics emphasizes knowledge and awareness of:

- calculus of several variables and vector analysis;
- the structure of mathematical proofs and definitions;
- basic linear algebra and the theory of vector spaces;
- at least one additional specialized area of mathematics.

Requirements

Declaration of a minor in mathematics is open to any student enrolled at CU Boulder, regardless of college or school.

To earn a minor in mathematics, students must complete the following courses with a grade of C- or better in each course, and they must have at least a C (2.00) average for all attempted work in mathematics.

Required Courses and Credit Hours

Code	Title	Credit Hours
Required Courses		
MATH 1300	Calculus 1	4-5
or APPM 1350	Calculus 1 for Engineers	
MATH 2300	Calculus 2	4-5
or APPM 1360	Calculus 2 for Engineers	
MATH 2400	Calculus 3	4-5
or APPM 2350	Calculus 3 for Engineers	
MATH 2001	Introduction to Discrete Mathematics	3
or MATH 2002	Number Systems: An Introduction to Higher Mathematics	
MATH 2130	Introduction to Linear Algebra for Non-Mathematics Majors	3
or MATH 2135	Introduction to Linear Algebra for Mathematics Majors	
Electives		
Three upper-division MATH courses (at least one at the 4000-level)		9
Total Credit Hours		27-30