

Math

Minor

Description

The mathematics minor at CU is available to undergraduate students majoring in any discipline at CU who are interested in studying mathematics. Mathematical methods are used today in numerous career fields including medicine, law, design, engineering, finance, accounting, economics, architecture, and computer programming. The math minor is designed to provide students with an opportunity to study a broad range of mathematical topics. The requirements of the math minor allow students a great deal of flexibility in choosing courses to fit their interests.

Students who are minoring in Mathematics take foundational coursework in calculus and linear algebra. The rest of the math minor requirements can be completed by each student to complement any major field of study. Students do not have to complete courses in any specific order but must abide by course prerequisites.

Students must achieve at least a C- in each minor course and an overall minor GPA of 2.0.

Courses

Required Courses (9 credit hours)

[GC 205 - Calculus I](#)

3 Credit Hours

[GC 206 - Calculus II](#)

3 Credit Hours

[MA 205 - Calculus III](#)

3 Credit Hours

Select a course (Choose 3 credit hours)

[MA 310 - Linear Algebra](#)

3 Credit Hours

[MA 320 - Discrete Mathematics](#)

3 Credit Hours

Electives (Choose 6 Credit Hours)

[MA 305 - Calculus IV](#)

3 Credit Hours

[MA 330 - Graph Theory](#)

3 Credit Hours

[MA 315 - Ordinary Differential Equations](#)

3 Credit Hours

[MA 325 - Introduction to Abstract Algebra](#)

3 Credit Hours

[MA 329 - Number Theory](#)

3 Credit Hours

[MA 417 - Linear Programming](#)

3 Credit Hours

[MA 418 - Geometry for College Teachers](#)

3 Credit Hours

[MA 415 - Numerical Analysis](#)

3 Credit Hours

[MA 425 - Mathematical Analysis I](#)

3 Credit Hours

[MA 426 - Mathematical Analysis II](#)

3 Credit Hours

[MA 410 - Partial Differential Equations](#)

3 Credit Hours

[MA 416 - Functional Analysis](#)

3 Credit Hours

[MA 405 - Complex Analysis](#)

3 Credit Hours