Twin Cities Campus

Mathematics Minor

CLA Dean's Office
College of Liberal Arts

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2017
- Required credits in this minor: 24 to 28

Students complete all the lower division requirements in the mathematics major, plus two upper division electives.

Program Delivery

This program is available:
- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Students may earn no more than one undergraduate degree in mathematics: a BA, a BS, or a minor.

Minor Courses
 Calculus I
  MATH 1271 - Calculus I [MATH] (4.0 cr)
  or MATH 1371 - CSE Calculus I [MATH] (4.0 cr)
  or MATH 1571H - Honors Calculus I [MATH] (4.0 cr)
 Calculus II
  MATH 1272 - Calculus II (4.0 cr)
  or MATH 1372 - CSE Calculus II (4.0 cr)
  or MATH 1572H - Honors Calculus II (4.0 cr)
 Take 3 courses for a total of 11-12 credits, one course from each of the following groups:
  Linear Algebra & Differential Equations
   MATH 2243 - Linear Algebra and Differential Equations (4.0 cr)
   or MATH 2373 - CSE Linear Algebra and Differential Equations (4.0 cr)
   or MATH 2574H - Honors Calculus IV (4.0 cr)
  Multivariable Calculus
   MATH 2263 - Multivariable Calculus (4.0 cr)
   or MATH 2374 - CSE Multivariable Calculus and Vector Analysis (4.0 cr)
   or MATH 2573H - Honors Calculus III (4.0 cr)
  Sequences, Series, and Foundations
   MATH 2283 *{Inactive}*(3.0 cr)
   or MATH 3283W - Sequences, Series, and Foundations: Writing Intensive [WI] (4.0 cr)
 or Qualified honors students can subsititute MATH 3592H & 3593H for MATH 2243/2373/2574H, MATH 2263/2374/2573H, and MATH 2283/3283W. See your UHP advisor for final consent. Take the following 2 courses for a total of 10 credits:
  MATH 3592H - Honors Mathematics I (5.0 cr)
  MATH 3593H - Honors Mathematics II (5.0 cr)

Electives
 Selection of MATH course electives for the minor requires department advisor approval.
 MATH 4xxx-5xxx
 Take 2 or more course(s) totaling 6 or more credit(s) from the following:
 •MATH 4xxx
 •MATH 5xxx
 or **Theory of Statistics**
  STAT 5101 - Theory of Statistics I (4.0 cr)
  STAT 5102 - Theory of Statistics II (4.0 cr)