MINOR IN MATHEMATICS

The Department of Mathematics offers a minor in Mathematics for those students who wish to acquire a more extensive knowledge of mathematical sciences in support of their personal interests or major area of study. If you are majoring in a technical area such as engineering or computer science, your major requirements may put you just one or two courses short of a minor in Mathematics. To earn a minor, you must complete a calculus sequence and then take 12 credits of upper-division (300+) mathematical sciences. Of these 12 credits, 9 credits must be in mathematics, but the remaining 3 credits can be in CS, MATH, STAT, or DSCI.

Requirements
Effective Fall 2024

Students must satisfactorily complete the total credits required for the minor. Minors and interdisciplinary minors require 12 or more upper-division (300- to 400-level) credits.

Additional coursework may be required due to prerequisites.

A minimum grade of C is required in each MATH, STAT, and CS course required for the minor in mathematics.

Code	Title	Credits
Select one group from the following:		8
Group A:		
MATH 155	Calculus for Biological Scientists I (GT-MA1)	
MATH 255	Calculus for Biological Scientists II	
Group B:		
MATH 160	Calculus for Physical Scientists I (GT-MA1)	
MATH 161	Calculus for Physical Scientists II (GT-MA1)	
Group C:		
MATH 160	Calculus for Physical Scientists I (GT-MA1)	
MATH 271	Applied Mathematics for Chemists I	
Group D:		
MATH 156	Mathematics for Computational Science I (GT-MA1)	
MATH 256	Mathematics for Computational Science II	
Choose 6-7 credits from the following: [1]		6-7
MATH, STAT, or CS Upper-Division (300- to 400- level) courses		
CS 220	Discrete Structures and the Applications	
MATH 230	Discrete Mathematics for Educators	
MATH 235	Introduction to Mathematical Reasoning	
MATH 261	Calculus for Physical Scientists III	
MATH 269	Geometric Introduction to Linear Algebra	
MATH 272	Applied Mathematics for Chemists II	
Upper-Division Mathematics Electives (300- 400- level MATH courses) [2]		9
Program Total Credits:		**23**

[1] At least 3 credits must be from the upper-division (300- to 400-level) courses.

[2] Courses ending in –80 to –99 cannot be used to satisfy upper-division (300- to 400-level) requirements.