

Department of Mathematics and Computer Science MINORS

Departmental Requirements for a Minor in Mathematics

Lower Division Courses:

- Math 11, 12, 13, 14 (Calculus I - IV)
- Math 52 (Abstract Algebra) or Math 53 (Linear Algebra)

Upper Division Courses:

- A student minoring in mathematics must take three 5-unit upper-division courses in mathematics, but no more than one course from MATH 165 and 166. *In place of MATH 165 or 166, a student may select an upper-division computer science course. All upper-division courses must be taken from the Department of Mathematics and Computer Science and cannot include Math 100.*

Departmental Requirements for a Minor in Computer Science

Lower Division Courses:

- CSCI 10 (Introduction to Computer Science [C++])
- CSCI 60 (Object Oriented Programming)
- CSCI 61 (Data Structures)
- MATH 12 (Calculus II) or 51 (Discrete Mathematics)
- Computer Engineering 20 (Assembly)
- Computer Engineering 21 (Logic Design) and Computer Engineering 212

Upper Division Courses:

A student minoring in computer science must take three upper-division computer science courses. In place of an upper-division computer science course, a student may select from:

- Math 144 (PDEs)
- CSCI 161 - 182, 197
- MATH 176 (Combinatorics) or 177 (Graph Theory)