Duluth Campus

Computer Science Minor
Computer Science
Swenson College of Science and Engineering

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Spring 2021
- Required credits in this minor: 34

Computer science is a discipline that requires understanding the design of computers and computational processes.

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

Minor Requirements
Minor Courses (23 cr)
 Computer Science
   CS 1511 - Computer Science I [LE CAT] (5.0 cr)
    CS 1581 - Honors: Computer Science I [LE CAT] (5.0 cr)
   CS 1521 - Computer Science II (5.0 cr)
    CS 2511 - Software Analysis and Design (4.0 cr)
 Calculus I
   MATH 1296 - Calculus I [LE CAT, LOGIC & QR] (5.0 cr)
 Discrete
   CS 2531 - Discrete Structures for Computer Science (4.0 cr)
   or MATH 3355 - Discrete Mathematics (4.0 cr)

Electives (11 cr)
 Take 11 or more credit(s) from the following:
   •CS 35xx or above
   •CS 4xxx
   •EE 4341 - Digital Systems (4.0 cr)
   •EE 4305 - Computer Architecture (4.0 cr)
   •CS 2521 - Computer Organization and Architecture (4.0 cr)
    or EE 2325 - Microprocessor Systems (4.0 cr)