

The Ohio State University
College of Arts & Sciences and College of Engineering
Department of Computer Science & Engineering
Computer Science (COMPSCI-MN)

Department of Computer Science & Engineering
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Students interested in applying computing principles and practices in another discipline (in which they may be completing a major degree program) should consider completing the Computer Science (CS) Minor program. Students pursuing the minor do not have priority enrollment in CSE courses.

Prerequisites Courses (2 courses, 8 CH)

1. Math 1151 **-OR-** Math 1161.01
2. CSE 1222: Introduction to Computer Programming in C++ for Engineers and Scientists (3)
-OR- CSE 1223: Intro to Computer Programming in Java (3)
-OR- CSE 1224: Intro to Computer Programming in Python (3)

Required courses (3 courses, 10 CH)

Students must complete one software course, one foundations course, and one systems course.

1. Software:
CSE 2122 (3) - *Data Structures Using C++*
-OR- CSE 2123 (3) - *Data Structures Using Java*
-OR- CSE 2124 (3) - *Intermediate Python Programming*
2. Foundations:
CSE 2321 (3) - *Foundations I: Discrete Structures*
3. Systems:
CSE 3430 (4) - *Overview of Computer Systems for Non-Majors*

Elective courses* (at least 2 courses, at least 6 CH)

Students must take at least 2 additional courses (totaling at least 6 CH) using the guidelines below. Some courses may have prerequisites beyond those required for the minor; please check the course catalog before enrolling.

1. Courses must be chosen from CSE 2331 (3), CSE courses at the 3000-level or above, or BIOMEDE 5710 (3)
2. Not more than 2 CH of CSE 425X courses may be used toward the requirements
3. The following courses are recommended:
 - a. CSE 2331 (3) – *Foundations II*
 - b. CSE 3241 (3) - *Introduction to Database Systems*
 - c. CSE 4471 (3) – *Information Security*
 - d. CSE 5052 (3) – *AI for non-majors*

Computer Science minor program guidelines

Credit hours required A minimum of 16 cr hrs. 1000 level courses shall not be counted in the minor. At least 6 cr hrs must be upper-level courses (3000 level or above) as defined by the College of Arts and Sciences and the College of Engineering.

Transfer and EM Credit Hours Allowed

A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination toward the minor.

Overlap with the GE A student is permitted to overlap up to two courses between the GE and the minor as long as the minor consists of at least 4 courses.

Overlap with the Major and Additional Minor(s)

- The minor must be in a different subject than the major.
- The minor must contain a minimum of 12 hours distinct from the major and/or additional minors.

Grades Required

- Minimum C- for a course to be listed on the minor.
- Minimum 2.00 cumulative GPA for all minor course work
- Course work graded Pass/Non-Pass cannot count on the minor.
- No more than 3 credit hours of course work graded Satisfactory/Unsatisfactory may count towards the minor.

X193 Credits No more than 3 credit hours

Declaring the minor

Students should see their assigned academic advisor to declare the minor prior to the filing of the graduation application. Students do not need the approval of the Department of Computer Science and Engineering to declare the minor.

Approval of Coursework

Initial approval of the minor coursework:

Students who complete the minor following the guidelines on this sheet need only verify with their academic advisor that the minor appears complete on the Degree Audit Report. No approval from the Department of Computer Science and Engineering is required.

Approval for courses not listed on this form to apply to the minor program:

Students must obtain the approval of the Department of Computer Science and Engineering to apply courses not listed on this form toward the Computer Science minor. Please email compsciadvising@osu.edu to request approval.

College of Arts and Sciences Curriculum and Assessment Services
306 Dulles Hall, 230 Annie & John Glenn Ave.
<http://artsandsciences.osu.edu>

Revised CAA 07-22-2024 RLS
Update 01-23-2025 RLS
Revised CAA 01-14-2026 RLS
Updated 10-06-2026 MCR