

The Ohio State University
College of Arts & Sciences and College of 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.

A. Prerequisites for the Minor (1 course, 3 CH)

CSE 1222: Introduction to Computer Programming in C++ (3 cr hrs); *or*
CSE 1223: Introduction to Computer Programming in Java (3 cr hrs)

B. Minor Coursework (5 courses, 16 CH):

1. **Required courses (3 courses, 10 CH):**

- a. Software:
CSE 2122 (3) - *Data Structures Using C++*
or
CSE 2123 (3) - *Data Structures Using Java*
- b. Foundations:
CSE 2321 (3) - *Foundations I: Discrete Structures*
- c. Systems:
CSE 3430 (3) - *Overview of Computer Systems For Non-Majors*

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

- i. Must be chosen from CSE 2331 (3), and CSE courses at the 3000-level or above;
- ii. Not more than 2 CH of CSE 425X courses;
- iii. The following courses are recommended:
- 2331 (3) – *Foundations II*
 - 3241 (3) - *Introduction to Database Systems*
 - 4471 (3) – *Information Security*
 - 5052 (3) – *AI for non-majors*

*Note that elective courses for this minor may have additional prerequisites.

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.

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 6 cr hrs between the GE and the minor

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 cr hrs of course work graded Satisfactory/Unsatisfactory may count towards the minor.

X193 Credits No more than 3 cr hrs

Minor Approval: Please email the CS Undergraduate Advising Office at compsciadvising@osu.edu to request a minor program form. Students with questions about the minor can contact the CS Undergraduate Advising Office at the above email and/or refer to the [CSE website](#) for more information.

Filing the Minor Program Form: Students are encouraged to have their major advisor or college/school advisor add the minor to their record after completion of MATH 1151 (Calculus 1) and either CSE 1222 or 1223. The minor program form *must* be filed at least by the time the graduation application is submitted to a college/school advisor.

Changing the Minor: Once the minor program is filed in the college office, any changes must be approved by the academic unit offering the minor.

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

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