



Computer Science Minor Curriculum Checklist

Computer Science Minor Overview

Computing has become pervasive, touching nearly every aspect of our lives. A minor in Computer Science can open up opportunities for employment in the software development industry, but also in many areas including healthcare, business, science, medicine, graphics, utilities and education. Courses will teach theory, problem-solving skills and to program.

Minor Requirements:

To earn the minor upon graduation, students must meet all of the following:

1. Earn a C in each of their minor courses (all courses must be taken using the A-F grading scale)
2. Have a minimum 2.25 GPA in all required minor coursework (32 credits)

Declaring the Minor:

Please speak with the CS advisor to declare the minor. Students will need CS advisor overrides to take any upper division electives.

2023-2024 Catalog

Disclaimer: All info is subject to change. Catalog year is based on when a student is admitted to OSU and declares their major or minor. Minor Code: 249

Minor Course Requirements:

Lower-Division Computer Science Minor Requirements (20 credits)

- _____ ENGR 102: Design Engineering and Problem Solving (3cr) – (Winter)
- _____ ENGR 103: Engineering Computation and Algorithmic Thinking (3cr) – (Spring)
- _____ CS 162: Introduction to Computer Science II (4 cr) – (Fall)
- _____ CS 261: Data Structures (4 cr) – (Winter)
- _____ CS 271: Computer Architecture and Assembly Language (4 cr) – (Fall)
Or CS 290: Web Development (4 cr) – (Spring)
- _____ MTH 231: Elements of Discrete Mathematics (4 cr) – (Spring)

Select 3 Upper Division courses in CS

The following cannot be used for minor requirements: CS blanket courses, [CS 391](#), [CS 461](#), [CS 462](#), [CS 463](#)

- _____ CS 362: Software Engineering II (4 cr) (Winter)
- _____ CS 374: Operating Systems I (4 cr) (Winter)
- _____ CS 352: Introduction to Usability Engineering (4 cr) (Fall)
- _____ CS 361: Software Engineering I (4 cr) (Fall)
- _____ CS 492: Mobile Software Development (4 cr) (Winter)

Additional upper-division courses are acceptable; please speak with the CS advisor about which courses might create the best path for your goals.

Courses that cannot be used for minor requirements:

- CS 391: Social and Ethical Issues in Computer Science (3 cr)
- CS 395: Interactive multimedia (4 cr)
- CS 401: Research (1-16 cr)
- CS 405: Reading and Conference (1-16 cr)
- CS 407: Seminar (1-16 cr)
- CS 410: Occupational Internship (1-16 cr)
- CS 461: Senior Software Engineering Project I (3 cr)
- CS 462: Senior Software Engineering Project II (3 cr)
- CS 463: Senior Software Engineering Project (2 cr)
- CS 495: Interactive Multimedia Projects (4 cr)

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