

Student Name: _____ COCC ID: _____ OSU ID: _____



Curriculum Checklist for Computer Science Minor

Important Numbers:

- 36 total credits
- Must receive a “C” in all minor courses and have a GPA of 2.25 to be awarded the Computer Science minor.

Important Notes:

- Not all courses are offered each term. Check current schedule for availability.
- It is the student’s responsibility to make certain that all prerequisites are met or instructor permission is granted for courses that require one or both of these conditions.
- It is the responsibility of the student to continuously audit his/her program for successful completion of requirements.
- All classes must be taken for a letter grade (A-F). S/U grading is not allowed.

Computer Science Minor:

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.

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Students may declare the Computer Science minor after completing the lower-division required courses with a GPA of 2.25 or higher and after becoming eligible to take 300-level courses in their majors.

Lower-Division Computer Science Minor Requirements (20 credits)

- _____ CS 161: Introduction to Computer Science I (4 cr)
- _____ CS 162: Introduction to Computer Science II (4 cr)
- _____ CS 261: Data Structures (4 cr)
- _____ CS 271: Computer Architecture and Assembly Language (4 cr)
- _____ MTH 231: Elements of Discrete Mathematics (4 cr)
- _____ Or CS 225: Discrete Structures in Computer Science (4 cr)

Please speak with the CS advisor to declare the minor.

A Change of Major form will need to be completed to add the Computer Science minor.

Once your minor is declared, you will be eligible for upper-division electives. Students will need CS advisor overrides to take any upper division electives.

Upper-Division Computer Science Minor Requirements (16 credits)

- _____ CS 362: Software Engineering II (4 cr)

Recommended elective courses might include (but not limited to) (12 credits):

- _____ CS 344: Operating Systems (4 cr)
- _____ CS 352: Introduction to Usability Engineering (4 cr)
- _____ CS 361: Software Engineering I (4 cr)
- _____ CS 440: Database Management Systems (4 cr)
- _____ CS 475: Introduction to Parallel Programming (4 cr)
- _____ CS 496: Mobile and Cloud Software Development (4 cr)

Other 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 494: Web Development (4 cr)
- CS 495: Interactive Multimedia Projects (4 cr)

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