

Next steps for majors:

term	course
fall 2024	CPSC 220 – Introduction to Computer Architecture <ul style="list-style-type: none"> <li>• how the hardware really works</li> <li>• how the hardware runs software</li> </ul>
spring 2025	CPSC 225 – Intermediate Programming <ul style="list-style-type: none"> <li>• object-oriented programming and object-oriented program development</li> <li>• inheritance and polymorphism</li> <li>• data structures, common algorithms</li> <li>• recursion</li> </ul>

- CPSC 271 (Topics in Computer Science) can be taken as an elective in the fall

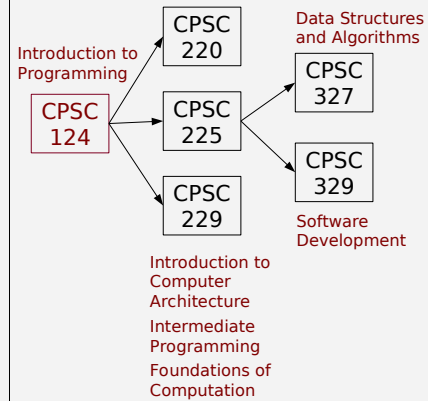
Minors should take CPSC 225 in the spring.

- CPSC 220 and CPSC 271 in the fall are options as electives

## CS Major

CPSC 120 can count for one

### 6 core courses:



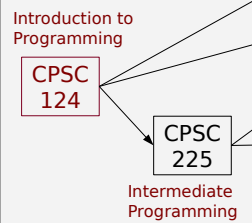
### 4 electives:

- one 400+ (excluding 450, 499)
- one 300+ (excluding 450+)
- two additional math or CS (BA) or CS (BS)

- CPSC 271: Topics in CS
- CPSC 310: Computational Neuroscience
- CPSC 331: Operating Systems
- CPSC 343: Databases
- CPSC 371: Advanced Topics in CS
- CPSC 424: Computer Graphics
- CPSC 433: Compilers
- CPSC 441: Networking
- CPSC 444: Artificial Intelligence
- CPSC 450: Independent Study
- CPSC 495: Honors
- CPSC 499: Internship

## CS Minor

### 2 core courses:



### 3 additional CS courses:

- CPSC 220 Introduction to Computer Architecture
- CPSC 229 Foundations of Computation
- CPSC 327 Data Structures and Algorithms
- CPSC 329 Software Development

- CPSC 271: Topics in CS
- CPSC 310: Computational Neuroscience
- CPSC 331: Operating Systems
- CPSC 343: Databases
- CPSC 371: Advanced Topics in CS
- CPSC 424: Computer Graphics
- CPSC 433: Compilers
- CPSC 441: Networking
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- CPSC 495: Honors
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CPSC 120 can count for one