COMPUTER SCIENCE
COLORADO STATE UNIVERSITY

Computer Science

Change of Major Information Sheet (Modified September 2023)

About the Computer Science Department:

Welcome to the Department of Computer Science! From the environment and healthcare to artificial intelligence and space exploration, computer science is everywhere, improving people's lives in extraordinary ways. The Computer Science (CS) Department values diversity, community, and achievement of our students.

The Computer Science Department is a competitive major because we want students to be set up for success. To be eligible to declare the CS major as a current CSU student*, you must meet the following requirements:

- CSU GPA of 2.5 or greater
- 'B' or better in (CS 150B or CS 152)
- 'C' or better in (MATH 160 or MATH 156 or CS 162 or CS 163 or CS 164)

*If you are not currently enrolled at CSU, please refer to Admissions for criteria information: https://admissions.colostate.edu/apply/

If you don't meet our major requirements, we encourage you to:

- Take the following courses as you work toward the major control requirements
  - CS 150B, CS 152, CS 162, CS 164, CS 165, CS 220
- Meet with a CS Advisor to discuss degree requirements, career opportunities, undergraduate research, and department resources and policies.
- Participate in the CS Community through applicable CS Department Clubs.

Computer Science Major & Concentrations:

Information on the CS Major requirements can be found on our website: https://compsci.colostate.edu/degrees/. The CS concentrations offered are as follows:

- General CS Degree
  - Students interested in a minor or second major can use those courses to meet some of the General CS degree requirements, please see a CS Advisor for more information
- Artificial Intelligence and Machine Learning
- Computer Science Education
- Computing Systems
- Human Centered Computing
- Networks and Cybersecurity
- Software Engineering

Advising in the Computer Science Department:

Get to know us! You can find out who we are, where to find us, and how to make an appointment with us at this link: http://compsci.colostate.edu/advising/

What to expect in an appointment with an Advisor:

1) Review a degree plan based on the credits you have already taken and the requirements that you still need for whichever concentration you choose.
2) Review your eligibility to declare a CS major.
    a) If you don't meet requirements, we will help you set up a plan for meeting those requirements.
    b) If you do meet the requirements, we will initiate the Academic Program Change form for you to complete in RAMweb.
3) Information about the community and activities available to you in the CS department.
4) Information on internships and how to connect with the Career Center and Career Fairs to help you be successful in your search.

CS Community:

We encourage Computer Science students to get involved in one of our many clubs or organizations and you don't have to wait until you've officially declared the major! The CS Community is actively involved in supporting students across our major and providing helpful tools to be successful in the major and beyond.

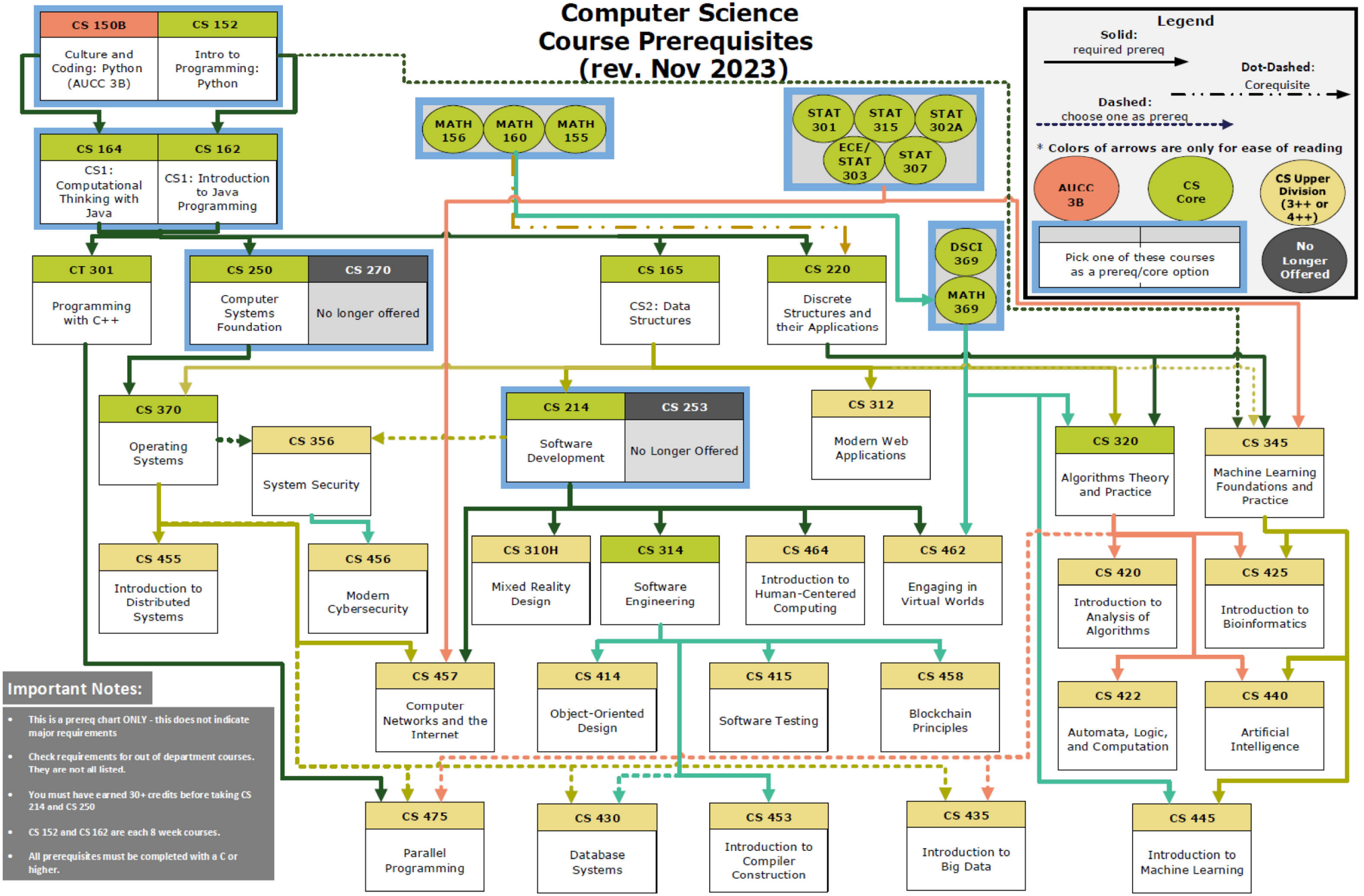
- ACM (student chapter for society of computing professionals)
- ACM-W (student chapter for society of computing professionals supporting women)
- Hashdump (Security)
- WiCyS (Women in Cybersecurity)
- AR/VR (Augmented/Virtual Reality)

You can find more info about clubs by joining the MS Teams channel, https://col.st/w5x7a or you can ask an advisor.

Internships, Research, UTAs:

Explore your interests through internships, research, and being a UTA in the department. Talk to an advisor about how to get involved in these opportunities.

Computer Science Course Prerequisites (rev. Nov 2023)



Important Notes:

- This is a prereq chart ONLY - this does not indicate major requirements
- Check requirements for out of department courses. They are not all listed.
- You must have earned 30+ credits before taking CS 214 and CS 250
- CS 152 and CS 162 are each 8 week courses.
- All prerequisites must be completed with a C or higher.