DEPARTMENT OF COMPUTER SCIENCE

Undergraduate

Majors

- Major in Computer Science (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/computer-science/computer-science-major/)
  - Artificial Intelligence and Machine Learning Concentration (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/computer-science/computer-science-major-artificial-intelligence-machine-learning-concentration/)
  - (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/computer-science/computer-science-major/)Computer Science Concentration (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/computer-science/computer-science-major/computer-science-concentration/)
  - Computer Science Education Concentration (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/computer-science/computer-science-major/computer-science-education-concentration/)
  - Computing for Creatives Concentration (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/computer-science/computer-science-major/computing-for-creatives-concentration/)
  - Computing Systems Concentration (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/computer-science/computer-science-major-computing-systems-concentration/)
  - Human-Centered Computing Concentration (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/computer-science/computer-science-major/human-centered-computing-concentration/)
  - Networks and Security Concentration (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/computer-science/computer-science-major-networks-security-concentration/)
  - Software Engineering Concentration (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/computer-science/computer-science-major-software-engineering-concentration/)

Minors

- Minor in Bioinformatics (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/computer-science/bioinformatics-minor/)
- Minor in Computer Science (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/computer-science/computer-science-minor/)
- Minor in Machine Learning (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/computer-science/machine-learning-minor/)

Change of Major Process

The Computer Science Department is a competitive major because we want students to be set up for success. To be eligible to declare the

Major in Computer Science, the Minor in Computer Science, or the Minor in Machine Learning, students must meet the following requirements:

- CSU GPA of 2.5 or greater
- 'C' or better in CS 162 or CS 163 or CS 164; and
- 'C' or better in CS 165 or MATH 156 or MATH 160

For more information, or to declare the Computer Science major or one of our minors, students should meet with a Computer Science advisor to discuss degree requirements, career opportunities, undergraduate research, department resources and policies. Visit the Computer Science Advising website (https://compsci.colostate.edu/advising/) for more information on how to schedule an appointment.

If a student does not meet the requirements yet, we encourage them to:

- Take the following courses to work towards the major/minor control requirements: CS 150B, CS 152, CS 162, CS 164, CS 165, CS 220.

- Participate in the Computer Science community through applicable Computer Science Department clubs.