Fall 2023 - Spring 2024


1. The latest version of the curriculum sheet supersedes any curriculum and requisites in the Undergraduate Bulletin or online.
2. "C" Passing Grade Requirement: Courses in shaded area ( $\square$ )require a minimum passing grade of " C ".
3. Skills tests: Certain students may be required to pass CUNY Assessment Tests in one or more subjects within 1 or 2 years of admission.
4. Liberal Arts electives: Computer science students must take four approved courses, of which at least two must have course numbers of 20000 or higher. They should satisfy each of the Flexible Core (Pathways) liberal arts requirements in the Creative Expression (CE), World Cultures \& Global Issues (WCGI), Individual \& Society (IS), and U.S. Experience (US) areas. Prior courses in these four areas from other colleges can satisfy the electives. See ccny.cuny.edu/engineering / pathways for details and the Pathways course lists. A prior degree may remove the requirement of all four courses.
5. Science Elective Requirements: Students are required to take at least 12 credits of science. These credits must include one of the following sequences: (a) Bio $10100 \& 10200$ ( 8 cr.), (b) Chem $10301 \& 10401$ ( 8 cr .), or (c) Phys $20700 \& 20800$ ( 8 cr .). In addition students need to take at least one more course in Biology, Chemistry or Physics at a level not lower than the required in Biology, Chemistry or Physics.
6. Speech Requirements: Students who are exempted from Speech 11100 must take another speech course in its place.
7. ENGL 21007 (Writing for Engineering), Speech 11100 (Foundation of Speech Communications) and ENGR 27600 (Engineering Economics) or Econ 10400 (Economics) are required courses in the Computer Science major, and not just General Education requirements.
8. Free/Technical Elective Requirements: CSc 10000 can be used as a Free Elective only if it is taken before CSc 10300. CSc 31700 (The Internet) counts only as a free elective. Co-op Option: Computer science students with an approved application can take the co-op option (CSc 59001 - 3cr., CSc 59002-3cr., CSc 59003-3cr., CSc 59004 - 0cr.), where they can earn up to 9 academic credits. Inquire with the department for more information. CSc 20500 (Introduction to Blockchain, 3 cr.) can be used as a Technical or Free elective.
9. CSc Electives: Take one course in each of three elective groups ( $\mathbf{A}-\mathbf{C}$ ).
10. Other Graduation Requirements: Apply for graduation during registration for the last semester. Minimum GPA of 2.00. Minimum QPA of zero. Residency Requirement: 33 credits of 30000 -level or higher Computer Science courses taken at CCNY.
11. Program Changes: Substitution of other courses for required courses must be approved by the Chair of the Computer Science Department (NAC8/206), and the Associate Dean of the Office of Undergraduate Affairs (ST-209).
12. ENGR 10200 (A data science and statistical approach to programming) 3 cr ., and ENGR 20200 (Bridge to C++) 0 cr., are only for non-computer science students.
Total Credits: 127.
