The Computer Science Minor for SEAS Students

The Computer Science Department offers a minor in Computer Science for SEAS students consisting of 7 courses from the following list. Students who pass the Computer Science Advanced Placement Exam, either A or AB, with a 4 or 5 will receive 3 credits and exemption from COMS W1004.

1. CS I: Intro to Computer Science and Programming in Java (COMS W1004)
2. Honors Intro to CS (COMS W1007)
3. Advanced Programming (COMS W3157)
4. Data Structures and Algorithms (COMS W3133 or W3134 or W3137)
5. Discrete Mathematics (COMS W3203)
6. Computer Science Theory (COMS W3261)
7. Fundamentals of Computer Systems (CSEE W3827) or a 4000-level COMS technical elective.

The Computer Science Concentration for CC and GS Students

The Computer Science Department offers a concentration in Computer Science for Columbia College consisting of the following seven courses with a total of 23 points. Students who pass the Advanced Placement Exam, either A or AB, with a 4 or 5 will receive 3 credits and exemption from COMS W1004.

1. CS I: Intro to Computer Science and Programming in Java (COMS W1004)
2. Honors Introduction to Computer Science (COMS W1007)
3. Honors Data Structures and Algorithms (COMS W3137)
4. Advanced Programming (COMS W3157)
5. Discrete Mathematics (COMS W3203)
6. Computer Science Theory (COMS W3261)
7. Fundamentals of Computer Systems (CSEE W3827) or a 4000-level COMS technical elective