The Computer Science Minor

The Computer Science Department offers a minor in Computer Science for SEAS students consisting of 7 courses from the following list.

1. Introduction to CS (W1004) or Honors Introduction to CS (W1007)

2. Data Structures in Java (W3134) or Honors Data Structures and Algorithms (W3137)

3. Advanced Programming (W3157)

4. Discrete Mathematics (W3203)

5. Computer Science Theory (W3261)

6. Fundamentals of Computer Systems (CSEE W3827) or a 4000 level COMS technical elective (3 points).

7. One course from the following*: Computational Linear Algebra (W3251), or Prob/Stats (SIEO W4150 or SIEO W3600), or Scientific Computation (W3210)

The Computer Science Concentration

The Computer Science Department offers a concentration in Computer Science for CC and GS students consisting of 7 courses from the following list.

1. Introduction to CS (W1004) or Honors Introduction to CS (W1007)

2. Data Structures in Java (W3134) or Honors Data Structures and Algorithms (W3137)

3. Advanced Programming (W3157)

4. Discrete Mathematics (W3203)

5. Computer Science Theory (W3261)

6. Fundamentals of Computer Systems (CSEE W3827) or a 4000 level COMS technical elective (3 points).

7. One course from the following *: Computational Linear Algebra (W3251), or Prob/Stats (SIEO W4150 or SIEO W3600), or Scientific Computation (W3210)

*Note: Calculus II is a prerequisite for Prob/Stats and for Scientific Computation; calculus III is a prerequisite for Linear Algebra