Current B.S. Computer Science Degree Requirements

Major Requirements

Lower-division (some or all of the items listed in A and B are prerequisites for required upper-division ICS courses):


B. ICS 21, 22, 23, 51, 52.

C. A three-quarter science sequence chosen from Physics 3A-B-C and 3LB-LC; Physics 7A-B and 7D or 7E, with corresponding laboratories where available; Chemistry 1A-B-C and 1LB-LC; or two from Biological Sciences 94, 96, and 97, and completion of Biological Sciences 100L (Biological Sciences 194S is a prerequisite for this course).

Upper-division:

A. ICS 139.

B. ICS 121, 141, 142, 143, 151, 152, 153, 161, 171.

C. Three project courses selected from the following list: ICS 145A, 145B, 155A, 155B, 156.

D. Two additional ICS courses, including one selected from ICS 105, 125, 145A, 145B, 155A, 155B, 156, 165, 175A, 186B, 187.

E. Three additional courses selected from the following groups of courses such that at least two of the three courses are selected from the same group: Mathematics 105A-B, 107 (with accompanying laboratories); 120A-B, 121A-B, 123; 130A-B-C, 131A-B-C, 132A-B-C (with accompanying laboratories); 114A, 140A-B-C-D, 146, 147; 162A-B, 171A-B-C; 150, 151, 152, Philosophy 105A-B-C; ICS 162; ICS 163; ICS 164.

CS majors must enroll in ICS 161 no later than the second quarter after they have earned 90 units.

NOTE: Students may not major in both CS and ICS.