Special Information for Students Wishing to Pursue Computer Science or Computer Engineering at WashU

The Dual Degree Program is designed to allow participating students to earn degrees at WashU that are not available at their liberal arts institutions. Students earning computer science degrees at WashU should not have earned computer science degrees at their liberal arts institution. Students earning computer science degrees at their liberal arts institution might consider pursuing a computer engineering undergraduate degree at WashU along with a master's degree in computer science at WashU, or earning only a master's degree in computer science at WashU without earning an undergraduate degree at WashU.

A computer science or computer engineering degree awarded by WashU must signify that a notable number of major-specific units were actually completed in residence on the WashU campus. For students planning to earn computer science or computer engineering degrees at WashU, please be aware of the major-specific residency requirements listed below.

Residency Requirement for Computer Science Degrees:
The BSCS computer science major consists of 6 core courses (CSE131 and 5 others) and 8 elective courses. Students entering this program must have credit or demonstrate proficiency for CSE131 prior to entry.   For any of the other 5 core courses, students who have credit or demonstrate proficiency for such a course will not be required to take it; however, some other course must be designated in consultation with the CSE advisor to replace that course. For the 8 elective courses, all but 2 of them must consist of CSE department courses that normally count for elective credit. Any course taken out of the CSE department for elective credit must be approved by the student's CSE advisor.

Residency Requirement for Computer Engineering Degrees:
The BSCoE computer engineering major consists of 9 core courses from the CSE department (CSE131 and 8 others), a probability/statistics course, and two circuits courses. Students entering this program must have credit or demonstrate proficiency for CSE131 prior to entry. For any of the other 8 core courses that are from the CSE department, students who have credit or demonstrate proficiency for such a course will not be required to take it; however, some other course must be designated in consultation with the CSE advisor to replace that course.   The probability/statistics course and the two circuits courses may be satisfied by credit earned anywhere, subject to approval by the CSE advisor or the School of Engineering and Applied Science. The BSCoE course further requires 6 elective courses. For those, all but 2 of them must consist of CSE department courses that normally count for elective credit. Any course taken out of the CSE department for elective credit must be approved by the student's CSE advisor.