

Requirements for Honors Work in Major

Department: Computer Science

College: Engineering & Physical Sciences

Requirements:

- I. Minimum Grade Point Average in major: 3.50
- II. A. Students must successfully earn 12 credits in the following *three* courses:
 1. CS 712H, Compiler Construction (4 cr.)
 2. A second CS Theory course (in addition to the one required by the B.S. program) (4 cr.)
 3. *One* course chosen from CS 720H, Operating System Concepts (4 cr.); CS 730H, Introduction to Artificial Intelligence (4 cr.), CS 770H, Computer Graphics (4 cr.); CS 775H Database Techniques (4 cr.), or another course subject to prior approval of the Department Honors Committee.

B. Depending on the course, honors students will be required to perform extra assignments, projects, and/or reports, over and above those required of the other students in these courses.
- III. A. Students must successfully complete a thesis project, CS 696H, Independent Study (4 or 8 cr.)

B. The student must complete a project or thesis on a topic approved by the departmental honors committee and supervised by a faculty member in the department. The student must submit a written report and give a public demonstration or presentation of the results upon completion of this course.

Students required to submit their project or thesis plan for approval by the departmental honors committee no later than the end of the semester prior to their commencement of CS 696H. Projects are normally expected to last for one semester (4 credits), but upon prior approval of the departmental honors committee, can be designated to last for two semesters (8 credits), in which case the third course requirement in (IIA) would be waived.