

The Upper Division Scholars Program for Electrical Engineering Majors and Computer Engineering Majors

December 9, 2010

Scholars students who are majoring in Electrical Engineering or Computer Engineering are required to take a minimum of 12 credit hours of upper division (300 or 400 level) honors courses in the EECS Department. General guidelines for these credit hours are given below. However, the specific courses that each student takes will be agreed upon by the student, the department's undergraduate advisor, and the student's scholars advisor. The student's regular undergraduate advisor is responsible for finding a scholars advisor who is mutually agreeable to the undergraduate advisor, the scholars advisor, and the student.

1. Scholars Courses

The honors credits (12 hours minimum) will be taken from the following:

- *Honors Thesis* (EEC 499H, credit as arranged, 8 hours total maximum). This can be repeated for credit. The student conducts research and writes a thesis under the supervision of an EECS faculty member.
- *Honors Research* (EEC 495H, credit as arranged, 8 hours total maximum). This is research conducted jointly with an EECS faculty, similar to an independent study. This can be repeated for credit.
- *Graduate Course* – Any 500-level EECS graduate course for which the student has the prerequisites.
- *Junior Honors, Senior Honors* – Any 300-level or 400-level EECS course can be modified to become an honors course. This is referred to by the Honors Program as a “contract course.” This is done with the collaboration of the undergraduate advisor, the scholars advisor, and the course instructor.

2. Replaced Credit Hours

Honors credits can be used to replace a maximum of 20 credit hours of normally required courses. For BEE students, the replaced credits can include any 400-level EEC course except for Senior Design (EEC 490). For BCE students, the replaced credits can include any 400-level EEC course except for Senior Design (EEC 490) and Computer Organization (EEC 483).