

HCI Track Proposal

Notes:

- Combination of track requirements and electives should total 25 units
- Aim for track that is 13-14 units (roughly 4 courses)
- This leaves 11-12 units (3 to 4 courses) for electives
- Senior project requirement is not considered part of the track

Proposed HCI Track Requirements:

All required track classes must be taken for at least 3 units each (if the class provides the option to take it for variable units).

HCI Foundations

- a) CS147, CS247

Advanced HCI

- b) Any one of: CS148, CS248, CS376, CS377, CS378

Buttressing Computer Science

- c) Any one of: CS108, CS140, CS221, CS223B, CS229, CS249A

Designing for People

- d) Any one of: Psych55, Psych252, MS&E184, ME101, ME115

HCI Track Additional Electives:

Students in the HCI track may, in addition to the standard set of approved CS elective courses and categories (b), (c) and (d) above, also count classes from the following set as elective courses:

ArtStudi60: Design I: Fundamental Visual Language
Comm269: Computers and Interfaces
CME340: Computational Methods in Data Mining
CS447*: Interdisciplinary Interaction Design
CS448B*: Topics in Computer Graphics -- *Visualization*
Ling180: Introduction to Computational Linguistics
ME118: Intro to Mechatronics
MS&E216A: Advanced Product Design: Needfinding
Psych205: Foundations of Cognition
Psych221: Applied Vision and Image Systems

*requires approval of undergraduate advisor.

Note: courses taken as Math electives cannot also count toward satisfying CS electives, and vice versa.