

HCI Concentration Form

First Name:

Last Name:

Andrew ID:

Major: _____

Graduation Year:

I want to:

☐ Declare the HCI Concentration

☐ Drop the HCI Concentration

Course Requirements:

Students in an SCS major wanting to complete a concentration in HCI must complete 5 courses, namely, 2 required courses and 3 electives. The student will be required to get a grade of a “C” or better in each course in order for it to count as part of the concentration.

Pre-requisites:

- 15-122 Principles of Imperative Computation
- 15-150 Principles of Functional Programming

Required Courses:

- 05-391 Designing Human-Centered Systems (DHCS)
- 05-360 Interaction Design for HCI or 05-392 Interaction Design Overview (retired)

Electives: (Go to the link below for the approved electives list.)

- At least 1 *elective* must have *strong technical content* and must be selected from the approved list.
- At least 1 *elective* must have *strong design content* and must be selected from the approved list.
- The remaining elective must be a course offered by the Human-Computer Interaction Institute, meaning it has a 05 number, or is included in the list of pre-approved list of electives maintained on the HCI website.

<https://hcii.cmu.edu/academics/hci-undergraduate/hci-concentration-cs-majors>

*Note: Students interested in doing a research project or work in the field of Human-Computer Interaction can do an *Independent Study with an HCI faculty member*. The independent study (05-589) will count as an elective for the HCI concentration.

Double Counting:

At most 2 courses can be double counted with other requirements for the CS major (So at least 3 courses must be unique to the concentration).

HCI Concentration Plan

Please fill out the HCI Course Plan below.

Pre-requisites	If you have taken this course please list the semester it was taken.	If you have <u>NOT</u> taken this course please list when you plan on taking it.
15-122 (Principles of Imperative Computation)		
15-150 (Principles of Functional Programming)		

Required Courses	If you have taken this course please list the semester it was taken.	If you have <u>NOT</u> taken this course please list when you plan on taking it.
05-391 (Designing Human-Centered Systems)		
05-360 (Interaction Design for HCI) or 05-392 (Interaction Design Overview – retired)		

Electives	Course Number	If you have taken this course please list the semester it was taken.	If you have <u>NOT</u> taken this course please list when you plan on taking it.
Technical Content Elective			
Design Content Elective			
HCI Elective			

Double Counting	Course Number	If you have taken this course please list the semester it was taken.	If you have <u>NOT</u> taken this course please list when you plan on taking it.
Course 1			
Course 2			

I agree to complete the course requirements above for the HCI Concentration.

Student Signature: _____

Date: _____

Primary Advisor Signature: _____

Date: _____

HCI Program Advisor Signature: _____

Date: _____

*Please email this completed form to abaisley@andrew.cmu.edu