

[About Us](#)[Academic Programs](#)[Resources & Policies](#)[Careers & Internships](#)[Research & Labs](#)[News & Events](#)[People](#)[Contact Us](#)[Home](#) » [Academic Programs](#) » [Bachelor's Program](#) » [Degree Requirements](#) » HCI Degree Option

Academic Programs

[Getting Started](#)[Current & Upcoming Courses](#)[Course Descriptions](#)[Bachelor's Program](#)[Admissions](#)[Degree Requirements](#)[HCI Degree Option](#)[Policies](#)[Financial Aid](#)[Sakson Diversity Undergraduate Scholarship](#)[Undergraduate Student Continuation Policy](#)[Master's Program](#)[PhD Program](#)[User-Centered Design Certificate](#)[Technical Japanese Program](#)[Graduate Non-Matriculated Enrollment](#)[Variable Credit Registration Policy](#)

HCI Degree Option

The Human-Computer Interaction (HCI) degree option is part of the Bachelor of Science in Human Centered Design & Engineering (BSHCDE) degree program. All students interested in pursuing the HCI degree option within the BSHCDE should contact their academic adviser.



What is Human-Computer Interaction?

HCI is a new and developing field. According to the Association for Computing Machinery (ACM), Human-Computer Interaction is a discipline concerned with the design, evaluation, and implementation of interactive computing systems for human use and with the study of major phenomena surrounding them. HCI is necessarily a multidisciplinary field, incorporating facets of information science, computer science, design, and technical communication among other fields. The University of Washington is becoming a global leader in this exciting new area.

The UW has exceptional faculty collaborating on world-class research in HCI and that collaboration extends directly to students in the classroom. Students who complete coursework in this area will obtain first-class academic preparation in a variety of different forms and get official recognition for this work.

Students interested in HCI can complete the official HCI option with coursework from four participating departments: Human Centered Design & Engineering, Computer Science & Engineering, the Division of Design within the School of Art, and The Information School. Students choose from these departments based on the following requirements.

Requirements for the HCI Degree Option

Minimum of four courses from the list below (19–23 credits):

1. Take at least one course in [HCI Foundations](#).
2. Take three courses from at least two of the four [HCI Course Areas](#). At least one of these three courses must be from a participating department besides HCDE.
 1. [User Interface, Software, and Technology](#)
 2. [Design](#)
 3. [Usability and User Research](#)
 4. [Social and Ethical Dimensions](#)

HCI Foundations

Contact HCDE Undergraduate Advising

hci-advgrad@uw.edu
(206) 543-2567
428 Sieg Hall

Upcoming Deadlines

BS Application
Summer Deadline **CLOSED**
Next Deadline Sunday, Feb 1, 2015
[Admissions FAQs](#)
[Program Overview](#)

Stay Informed

Sign up for notifications about academic programs, upcoming events, and general department information.

[Sign Up](#)[University of Washington Privacy Policy](#)

- ART 383 Introduction to Interaction Design (5)
- CSE 440 Introduction to HCI: User Interface Design, Prototyping, and Evaluation (5)
- HCDE 419 Concepts in Human-Computer Interaction (5)

HCI Course Areas

User Interface, Software, and Technology

- CSE 441 Advanced HCI: Advanced User Interface Design, Prototyping, and Evaluation (5)
- INFO 343 Web Technologies (5) or CSE 154: Web Programming (5)
- INFO 344 Web Tools and Development (5)
- HCDE 438 Web Technologies (5)
- INFO 463 Input and Interaction (5)

Design

- ART 483 Fundamentals in Interface Design (5)
- ART 484 Advanced Projects in Interaction Design (5)
- INFO 424 Information Visualization and Aesthetics (5)
- HCDE 455 User Interface Design (4)
- INFO 461 Cooperative Aspects of User Centered Design (5)

Usability and User Research

- INFO 310 Individual Perspectives on Information Systems (5)
- HCDE 407 Software User Assistance (5)

Social and Ethical Dimensions

- INFO 444 Value Sensitive Design (5)
- INFO 447 Computer Supported Cooperative Work (5)

The following courses may be approved within any of the course areas on an individual and per-course basis, depending on the topic matter and its suitability to a course area within the HCI option.

- INFO 498 Special Topics in Informatics
- HCDE 496 Directed Research in Human Centered Design & Engineering

About Us

Why Human Centered Design & Engineering?
Mission, Facts, and Statistics
Department History
HCDE Advisory Boards
Corporate Affiliates Program
Diversity
HCDE Awards
HCDE Videos
HCDE Employment Opportunities
Give to HCDE

Academic Programs

Getting Started
Current & Upcoming Courses
Course Descriptions
Bachelor's Program
Master's Program
PhD Program
User-Centered Design Certificate
Technical Japanese Program
Graduate Non-Matriculated Enrollment
Variable Credit Registration Policy

Resources & Policies

Department Facilities
Laptop Policy
Technical Coursework and Software
Student Travel Policy
Study Abroad
Plagiarism and Academic Conduct
Student Rights Policy
Counseling and Crisis Information
HCDE Student Association
Professional Associations
Archived Student Policies

Careers & Internships

Career Resources
Career Events Calendar
HCDE Career Network
Internship Resources
Alumni Resources

Research & Labs

- Department Research Areas
- Directed Research Groups
- Research Labs & Centers
- Research with Human Subjects
- Become a Research Sponsor








News & Events

- HCDE News
- HCDE Community Calendar
- HCDE Blog
- Graduation Ceremonies
- Shobe Prize
- Current Issues in HCDE Seminar
- UX Speaker Series
- World Usability Day
- Explorations Publication
- Designing Up Newsletter
- re: Design Publication

People

- Faculty
- Staff
- Instructors
- Adjunct Faculty, Affiliate Faculty, and Research Staff
- PhD Students
- Alumni

Connect with us!

-  Facebook
-  Google+
-  Twitter
-  Flickr
-  LinkedIn
-  YouTube
-  Instagram

Comments or questions about the new site?

Please send an email to our webmaster.