



CS 4634: Design of Information

(Fall 2017)

*Looking for a capstone class?
Want to apply what you've learned in the past 4 years?
Interested in applying ideas from Intro to HCI in a project?*

Computational ideas and programming are only a small part of the knowledge that you might need in the working world of CS. What is this stuff called "information" that CS works with? CS 4634 introduces the field of information architecture ("IA") and basic principles and methods of design. Information architecture is the structural design of shared information environments; the art and science of organizing and labeling websites, intranets, online communities and software to support usability and findability.

You will explore the theories of IA, develop a broad understanding of "systems", and apply the methods of user experience design ("UX") to the creation of an information system. This capstone course asks you to pull together what you have already learned to create the semester project. Introduction to HCI is a prerequisite; in addition, you will have the opportunity to put to use GUI programming, multimedia, hypermedia, database, and/or mobile computing skills you might have acquired if you have taken CS 3714, 3744, 4570, 4604, or 4624. (I will consider waiving the Introduction to HCI prerequisite if you have experience or skills in multimedia, XML, Javascript, JSON, interface toolkits, and/or HCI design methods such as personas and affinity diagrams.)



Sender
Intention
Message
Medium
Noise
Receiver
Destination

