FOUNDATION COURSES (9 credits required)

CS 3724 Introduction to Human-Computer Interaction
Pre: CS 1044, CS 1054, CS 1064, CS 1114

COMM 2084 Media and Society

HIST/SOC/STS 2604 Introduction to Data in Social Context

ELECTIVES (6 credits required, 3 from outside student's major(s))

Design focus:

ART 1234 Topics in Design for Non Majors

COMM 4374 New Communications Technology Pre: COMM 2084 or COMM 4014

IDS 2214 IDS Studio for Minors

IDS 2605 Design Visualization Pre: ARCH 1016

Theory & Research focus:

CMDA/STAT/CS 3654 Introductory Data Analytics and Visualization Pre: (CS 1114 or
CS 1044 or CS 1054 or CS 1064, MATH 2224 or MATH 2224H or MATH 2206 or
MATH 2206H or MATH 2406H or CS 2605, STAT 2006 or STAT 2705 or
STAT 4174 or CMDA 2064)

COMM 4024 Communication Law

ISE 3614 Human Factors Ergon Engr Pre: ISE 2004; Co: STAT 4105

PSYC 1004 Introduction to Psychology

PSYC 2084 Social Psychology Pre: PSYC 1004

SOC 3204 Social Research Methods Pre: SOC 1004

Content focus:

ART 3574 Topics in Graphic Design (Scheduled topics: “Intro Web Design”
or “Interaction Design”) Pre: ART 257

ART 3604 Topics in New Media Art (Scheduled topic: “Multimedia”) Pre: ART 2604

ART 3704 Topics in Computer Animation (Scheduled topic “Creative Code
w/ Processing”) Pre: ART 2704

ART 4504 Topics in Multimedia Studio Pre: (ART 1414, ART 1604) or (ART 1504,
ART 1514, ART 2504)

ART 4544 Computer Animation Studio (Scheduled topic “Adv Creative Code” or
“Multimedia/Installation”) Pre: ART 3704

CS 4634 Design of Information Pre: CS 3114, CS 3724

MUS 3314 Instrumental Ensemble Music (Linux Laptop Orch)

Implementation focus:

CS 3714 Mobile Software Development Pre: CS 2114

CS 3744 Intro GUI Programming/Graphics Pre: CS 2114, (MATH 1114 or
MATH 1114H or MATH 2114 or MATH 2114H, (MATH 1224 or MATH
2224H or MATH 2204H)

CS 3754 Cloud Software Development Pre: CS 2114

CS 4624 Multimedia, Hypertext & Information Access Pre: CS 3114

MUS 3064 Digital Sound Manipulation

MUS 3065 Computer Music and Multimedia Design Pre: MUS 2054

MUS 3066 Computer Music and Multimedia Design Pre: MUS 2054, MUS 3065

MUS 4014 Topics in Advanced Electroacoustic Research Pre: MUS 3066, MUS 3164

INTEGRATIVE CAPSTONE (3 credits required)

CS 4774 HCI Design Experience (non-CS-majors) Pre: CS 3724, COMM 2084,
HIST/SOC/STS 2604

CS 4784 HCI Capstone (CS-majors) Pre: CS 3724, CS 3744

Total

18 hours
Additional Requirements and Comments for the Human-Computer Interaction (HCI) Minor

A. HCI minors must earn at least a "C" (2.0) in CS 3724, HIST/SOC/STS 2604, and COMM 2084.

B. Students must have an HCI Minor GPA of at least 2.0 to successfully complete the minor.

C. Student must be in a degree-granting major before declaring the minor.

D. No more than 50% of the credits for the HCI Minor may be double-counted in the student's major.

E. Some courses listed on this checklist have prerequisites. It is the student’s responsibility to be aware of prerequisites and to ensure that all prerequisites are completed prior to enrolling in the chosen course. Some courses may be restricted to specific majors in some semesters. Check the Undergraduate Course Catalog and consult with an academic advisor to confirm your eligibility for specific electives. Actual course offerings are subject to availability of sufficient resources, including faculty availability and student demand.