Core Courses (12 credits)
All HCIM students must take the following courses:
- INST 630 - Introduction to Programming for the Information Professional
- INST 631 - Fundamentals of HCI
- INST 632 - HCI Design Methods
- A research methods course

Note: If INST 630 is waived, students must replace it with a 3-credit elective (see below).

Internship Course (3 credits)
The internship is typically taken in the summer:
- INST 717 - Internship

Thesis or Capstone Option (6 credits)
Students select one of the following two options:
- Capstone option
  - INST 775 - Capstone Preparation (3 credits)
  - INST 776 - Capstone Research (3 credits)
- Thesis option
  - INST 799 - Thesis Research (6 credits)

Note: For the thesis option, it is important to talk to potential faculty research advisors well in advance. This option cannot be completed without a faculty advisor.

Electives (9 credits)
Electives can come from within or outside of the iSchool.

In the iSchool
All iSchool courses can be taken as electives, although the following are the most likely to be of interest to HCIM students:

Fall 2015
- INST 728V - Data Visualization
- INST 737 - Digging into Data

Spring 2016 or later
- INST TBD - Inclusive Technology Design (new - anticipated Spring 2016)
- INST 611 - Privacy and Security in a Networked World
Outside the iSchool
Many graduate courses in other colleges can also be used as electives. Some may require instructor permission to enroll. The following are some examples particularly relevant to HCIM students:

- CMSC 734 - Information Visualization
- CMSC 838C - Social Computing
- CMSC 838D - Human Factors in Security and Privacy
- CMSC 838F - Tangible Interactive Computing (listed as Special Topics in Programming Languages)

How to Choose Electives?
The program is set up for students to combine courses in a way that meets their needs and interests. Here are some suggestions for how to combine electives:

**Interested in user research?** Consider INST 702, plus data classes such as INST 633, 737, and/or 750.

**Interested in user experience?** Consider design and technology classes such as INST 632, the anticipated Inclusive Design course, CMSC 838f, and INFM 740.

**Interested in security and privacy?** Consider INST 611 and CMSC 838D.

**Interested in visual analytics?** Consider INST 728V and data classes INST 633, 737 and/or 750. CMSC 734 may also be of interest.