

# INFORMATION: ONLINE PROGRAM, MS

This is a named option within the Master of Science Information.

The master's degree at the Information School (iSchool) prepares graduates to develop, provide, and assess information and data services that create, collect, organize, store, analyze, find, distribute, and use information and data in a diverse, technological, and global society.

The program prepares information professionals to work in three broad, overlapping areas of the information professions.

**User Experience Design:** Graduates obtain employment in user experience design, interaction design, usability testing, systems analysis and project management, IT training, educational technology support, digital asset management and curation, and content management.

**Data Analytics/Data Management:** The Analytics and Data Management concentration will give you a strong foundation in analytical techniques and tools, including data mining, data visualization, and applied statistics. You will gain expertise with Python-based tools and may gain experience with R software. Additional electives in data governance and text mining are available.

**Human Factors in Cybersecurity:** The Human Factors in Cybersecurity concentration will develop skills in understanding, preventing, and responding to cyber attacks while also providing a strong foundation to understand the role that humans play in cybersecurity and privacy. You will gain expertise in psychology for cybersecurity, cybersecurity usability, data privacy, and cybersecurity for high-risk populations. Additional electives in cyber ethics and law and governance are available.

Full-time students generally complete the program in two academic years with summer work; part-time students complete it in three to four years. Students gain hands-on experience as part of their degree through the school's required internship. Students may choose internship settings based on their career goals.