Carleton’s master’s and PhD degrees in Information Technology provide students with the skills they will need to succeed in what has become an ever-evolving industry. The master’s degree consists of two programs: Network Technology (NET) and Digital Media (DM). Those pursuing the NET program will cover the design, management and operation of computer networks. The NET program offers a research-based option, where students will produce a research thesis, or a project-based option, where students will develop skills mainly through courses and a project framework. DM students will focus on areas dealing with the development of content and technology for areas such as entertainment, education and communication. The DM program is research-based and students will produce a thesis as a requirement of the program. DM students can also pursue a specialization in Data Science. The PhD program focuses on advanced interdisciplinary research in Information Technology and related applications and topics.

Degrees Offered
MIT (Digital Media, Network Technology), PhD

Research & Career Options
Research opportunities in the school have direct application to the industry and can lead to many fascinating careers in areas such as:

DIGITAL MEDIA: Media production (movies and commercials), new educational technologies, the gaming industry, natural human-computer interaction methods, digital media for healthcare, and exhibitions for national museums and government or organizations requiring digital media content and technologies.

NETWORK TECHNOLOGY: Network security and privacy, cellular mobile networks, cloud computing, the Internet of Things and Apple iPhone networking subsystems.

Fall Application Deadline
March 1, to be eligible for funding

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