

## MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

Loyola University Chicago's Department of Computer Science's MS in Information Technology is ideally suited for working professionals and recent graduates. The program provides a strong balance between foundational knowledge and contemporary practice.

The MS in Information Technology prepares students for careers such as systems analysts, information security analysts, database administrators, network administrators, and project managers. The curriculum provides a broad technical understanding of current and emerging technologies in the industry and a solid foundation in the management of technology components in enterprises. Tracks allow you to focus on networks and telecommunications, computer and information security, databases and data mining, and technology management.

### PROGRAM STRUCTURE

- The degree offers part- and full-time enrollment  
*Average time to completion: 16 months (full time), 2–3 years (part time)*

Most on-campus courses meet one afternoon or evening per week. Online options are also available.

The MS in Information Technology can be completed with on-campus courses or entirely online, or in a combination of these options. If entirely online, available elective options are limited.

### INTERSHIPS/RESEARCH OPPORTUNITIES

The MS in Information Technology allows a student to customize his or her own degree. There are numerous options for internships and independent study, including a programming project, research, or a service-oriented project.

### EXPECTATIONS AFTER GRADUATION

Graduates have been successful advancing professionally, obtaining employment in leading software development and IT-focused companies. The programs are designed in close collaboration with industry via the department's Program Advisory Committee.

Career services are available at [LUC.edu/career](https://luc.edu/career).

### PROGRAM DISTINCTIONS

As a CS student, you'll have access to virtual machines (hosted in the department) and other cloud-based development tools (by subscription as needed). The combined solution includes disk space for programming assignments and other work. The department and University provide state-of-the-art computing labs with Mac, Windows, and Linux workstations.

You will also have access to experimental systems, including computational clusters, embedded systems, and 3D printing/fabrication. Loyola offers high-speed internet and is part of the Internet2 consortium; all of its campuses are interconnected by a high-speed fiber optics network. Each campus has computing centers equipped with extensive software options and standard programming environments.

The department also has research and partnerships in high-performance computing, which gives us the ability to request access time on national supercomputers and cloud-computing resources.

Learn more at [LUC.edu/cs](https://luc.edu/cs).

## FACULTY

Computer Science faculty members are both passionate about their teaching and dedicated to their research. Faculty members receive recognition for the quality of their research by regularly obtaining competitive grants from agencies such as the National Science Foundation, the Air Force Office of Scientific Research, and the National Security Agency, as well as industry groups. Areas of faculty interest include algorithms, databases, networks and security, programming languages, software engineering, artificial intelligence, machine learning, natural language processing, information retrieval, human-computer interaction, cloud and high-performance computing, mobile and pervasive computing, embedded and distributed systems, robotics, bioinformatics, computational biology, computational neuroscience, digital music and humanities, computer science education, and broadening participation in computing/STEM.

## PREREQUISITES

Prerequisites are offered fall and spring in a condensed format online. You should have a working knowledge of programming before beginning your coursework. If you do not, you may be required to take introductory courses in Object-Oriented Programming and Data Structures.

## FINANCIAL AID

Begin the financial aid process by completing your Free Application for Federal Student Aid (FAFSA) at [fafsa.ed.gov](https://fafsa.ed.gov).

The Graduate School has limited funds available for financial assistance. Financial aid from Loyola's Financial Aid Office will not impact your ability to apply for financial aid through the Graduate School. To learn more about these financial aid opportunities, visit [LUC.edu/finaid/graduateschool](https://LUC.edu/finaid/graduateschool).

## LEARN MORE

### APPLY

[gpem.LUC.edu/apply](https://gpem.LUC.edu/apply)

*For all application requirements and deadlines, please visit [LUC.edu/gpem/info](https://LUC.edu/gpem/info).*

### CONTACT INFORMATION

*For further information about the academic program or to arrange a visit, please contact:*

Department of Computer Science  
Loyola University Chicago  
1032 W. Sheridan Rd  
Chicago, IL 60660

PHONE: 773.508.8150

EMAIL: [gpd@cs.LUC.edu](mailto:gpd@cs.LUC.edu)

ONLINE: [LUC.edu/cs](https://LUC.edu/cs)

*Send all supporting documents to:*

Graduate and Professional  
Enrollment Management  
Loyola University Chicago  
820 N. Michigan Avenue  
Lewis Towers 1200  
Chicago, IL 60611

PHONE: 312.915.8950

EMAIL: [GradApp@LUC.edu](mailto:GradApp@LUC.edu)

ONLINE: [LUC.edu/grad](https://LUC.edu/grad)

