MASTERS DEGREE IN INFORMATION SYSTEMS

technology organization and people

MIS

CITY COLLEGE OF NEW YORK

CITY COLLEGE TRAINING FOR CITY PROFESSIONALS

DEPARTMENT OF COMPUTER SCIENCE
GROVE SCHOOL OF ENGINEERING
THE CITY COLLEGE OF NEW YORK

The employment of computer and information systems managers is expected to grow faster than the average for all occupations through the year 2016.
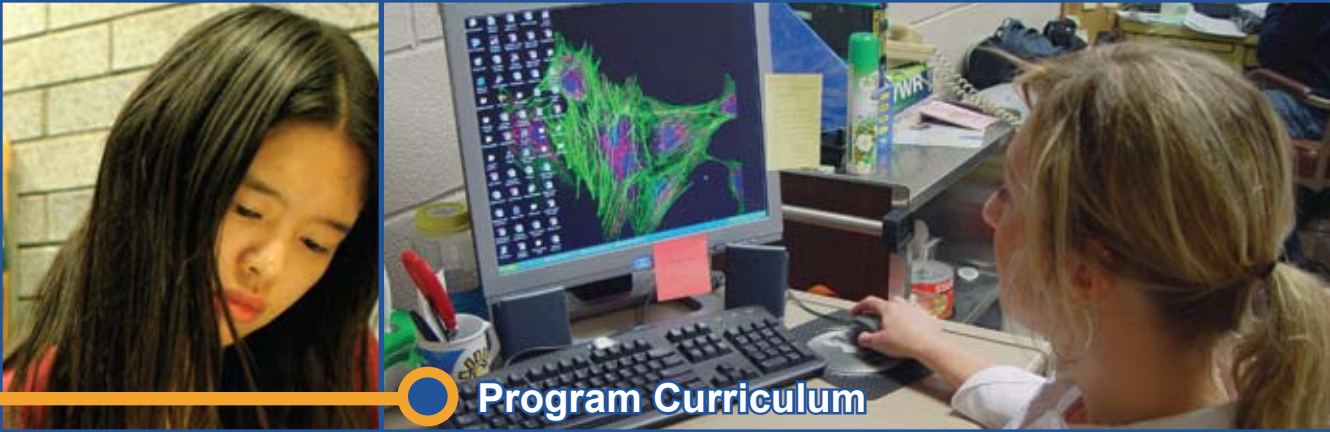
Many managers possess advanced technical knowledge gained from working in a computer occupation.

Job opportunities will be best for applicants with a strong understanding of business and good communication skills.

Occupational Outlook Handbook
Bureau of Labor Statistics
United States Dept. of Labor

CITY COLLEGE IS CUNY the City College of New York

Join Us

The City College Masters Degree in Information Systems is primarily intended for working professionals with background in engineering or science who wish to develop their careers in information management. Leveraging its position in the Grove School of Engineering, the MIS program teaches concepts of business software and systems management, economics and finance, and quantitative management skills.

The program is offered in the evening, and is designed so that working students can complete it in less than two years. It offers an affordable package featuring state-of-the-art coursework in business-critical areas, culminating in an intensive independent project in the final semester in an area of specialization of interest to the student, chosen in consultation with the program faculty.

The City College MIS program provides great learning opportunities for the city's professionals who will take responsibility for the next generation of business information technology. This two-year degree program has been carefully tailored to best further the interests of its professional participants.

City College is one of the nation's leading producers of engineering graduates and medical students from underrepresented minorities. The College's Grove School of Engineering is the technological crown jewel of The City University of New York, the one and only engineering school in the system. Its faculty are known for their outstanding teaching prowess, and professors are involved in more cutting-edge research right now than at any other time in City's history. The participants in this interdisciplinary degree program have access to all the academic resources available at City College.

Students in the MIS will work together and build teamwork skills throughout the entire program. The program consists of a fixed sequence of required courses followed by an independent project. It is designed to promote not only a wide variety of intellectual and social activities over the course of the program; it also builds career-long professional relationships among its graduates.

"Advanced technical knowledge is essential for computer and information systems managers, who must understand and guide the work of their subordinates yet also explain the work in non-technical terms to senior managers and potential customers.

Computer and information systems managers must possess strong interpersonal, communication, and leadership skills because they are required to interact not only with their staff, but also with other people inside and outside their organiztions."

Information Systems Overview
Sloan Career Cornerstone Center

The City College Advantage

Situated on a 36-acre campus in northern Manhattan, City College is distinguished by some of the country's earliest and still most beautiful university Gothic architecture, and provides students access to one of the most powerful avenues to the American Dream available today.

The MIS program is hosted by the Grove School of Engineering (named after Intel cofounder and City College alumnus Andrew Grove). The Grove School is the only public school of engineering in New York City, with leading programs in biomedical, chemical, civil, computer, electrical and mechanical engineering, and computer science. City College is also one of the nation's leading producers of engineering graduates from underrepresented minorities. Participants in this interdisciplinary degree program will benefit from the extensive academic resources available at the City College.

Those who manage the computer and information systems in the modern workplace play a vital role in the implementation of technology within their organizations. Technology must work effectively and reliably from both the operational and strategic perspectives. The MIS program emphasizes practical lessons that enhance the ability to analyze computer and information needs as well as to develop immediate and long-range business plans.

Participants in the program will be experienced workers who have both technical expertise and an understanding of business and management principles, with a strong educational background and experience in a variety of technical fields. Students will graduate with expertise in managing information systems, with specialized technical knowledge, with management skills and an understanding of business practices and principles, and with strong communications skills.

Core and Elective Content

The degree consists of an eight-course core in the first four terms and two electives in the last term, for a total of 30 credits of academic work. The courses span computer science, economics, and psychology, and must be taken in a fixed sequence over the consecutive five semesters.

Term	Semester	Course ID	Course Name
1	Fall		**First year orientation**
		MIS G1010	Statistics and Decision Making
		MIS G2010	OOD and Software Engineering
2	Spring	MIS G3010	General Economics and Finance
		MIS G1010	Database Management
3	Summer	MIS G3020	Developing Management Skills
		MIS G2030	Networking and Security
4	Fall		**Second year orientation**
		MIS G3030	Organization and Management
		MIS G4010	System Analysis and Design
5	Spring	MIS G5010	Seminar in Information Systems Management
		MIS G5020	Project in Information Systems Management
			Graduation

Cohort System

The MIS program offers a cohort system to help students work together and build team-work skills throughout the entire program. Departing from the ordinary curricular system limited to only passing a set of courses, students are responsible for their own knowledge acquisition and must be active and critical participants in learning; they are encouraged to collaborate with their fellow students and faculty advisers to gather and organize recorded knowledge, to analyze and synthesize information, to draw conclusions and make creative solutions to address problems.

Lectures will be offered two days a week during the first four terms. The fifth term offers more flexibility. Students with strong preparation in computer science may be offered, on a case by case basis, the option of completing an extended project or a masters thesis.

Final Project

Each student needs to complete a semester-long independent project in their chosen area of specialization. Current specializations include Medical Information, Financial Computing, and Business Process Engineering.

Affordability

The City College of New York maintains the lowest tuition and fees for professional education in New York City, and is the most affordable among MIS degree granting schools in metropolitan New York. Current per credit tuition for New York residents is $360 and $640 for non-residents, three to four times less than the fees for an MIS degree at a private school.

"Our goal is to provide every student with a deeper understanding of the challenging problems in business and the technical solutions available today, gaining knowledge that is essential for practitioners, experimentalists, and theoreticians alike. This program provides both a high-value cost-effective experience, and an invaluable personal network developed through your active participation."

MIS Program Director

Easy Application Process

Standardized test scores such as GRE and GMAT are not required for admission. City College seeks deep thinkers filled with enthusiasm for challenging problems to learn to develop constructive approaches and creative solutions. Individual achievement in academic settings and extracurricular activities will be taken into account in the evaluation process.

Admissions

Students entering the program must have a B.A. or B.S. degree in science or a B.S. or B.E. degree in engineering. Provision is made for students with a strong background in an area related to Computer Science.

You can apply online through CCNY's Office of Graduate Admissions at www.ccny.cuny.edu/gradadmissions

Currently, admission to the program is for the Fall term only, and limited to 35 students. Selection is made through the careful evaluation of the academic background and work experience of each applicant. Enrollment in the MIS program alone will not satisfy the credit requirements for foreign students on a student visa; individual arrangements can be made for additional credit hours to meet full-time status.

FOR MORE INFO GO TO HTTP://MIS.ENGR.CCNY.CUNY.EDU

TO APPLY GO TO WWW.CCNY.CUNY.EDU/GRADADMISSIONS

The MIS program office will hold an Open Day every year to answer questions from potential applicants and provide admissions counseling in person. The exact days of the deadline of applications and Open Day event will appear in the MIS website.

Some of the common questions pertaining to admission criteria may be found in our FAQ entry on the MIS website. Feel free to fill in the contact form to correspond with the program director for further questions.