

Information Technology and Management Programs

UNDERGRADUATE AND GRADUATE DEGREES
CHICAGO - WHEATON - ONLINE
www.iit.edu/cpd/itm

Information Technology and Management (ITM) Degree

Programs combine a careful blend of theory and practical IT applications. The ITM program employs a hands-on, reality-based approach to education. This allows students to apply what they learn in class to solve real life problems. Students learn about new and emerging technologies and the application, integration, and administrative practices used in the effective management of these technologies. The program provides an innovative experience where students work on cutting-edge, industry-sponsored projects. This teaching philosophy prepares students to become technology innovators, entrepreneurs, and leaders of the future.

Students can create a program of study that includes a comprehensive and unmatched set of courses provided by an extraordinary team of educators committed to student-centered education. Group projects provide students with experience in working with others towards a successful outcome. Projects are mentored by faculty that is unrivaled in its subject knowledge and real world experience. The curriculum is revised every semester to keep pace with current business and industry trends. Courses are offered in cutting-edge technologies to ensure our graduates are prepared for jobs in today's market.

| Specializations in Information Technology & Management | Undergraduate | Graduate |
|---|----------------------|-----------------|
| Data Management This specialization focuses on the design, development and administration of traditional and Internet-based data management. | Yes | Yes |
| Web Development and Internet Applications This specialization focuses on the design and development of fully-interactive Web sites and applications for Internet deployment. | Yes | Yes |
| IT Entrepreneurship and Management This specialization focuses on managerial and entrepreneurial skills needed to launch a new enterprise, and draws on the resources of IIT's Undergraduate Business program. | Yes | Yes |
| Software Development This specialization focuses on programming and the development of sophisticated applications. | Yes | Yes |
| System Administration This specialization focuses on the administration and management of servers. | Yes | |
| Networking and Communications Focuses on network applications and management. | Yes | |
| Systems Security This specialization focuses on application, data, and network security and the management of information technology security. | Yes | |
| Computer and Network Security Focuses on application, data, and network security and the management of information technology security. | | Yes |
| Voice and Data Communication Technology Designed for students seeking knowledge that will prepare them for careers in digital voice and data communications including Voice over IP (VoIP). | | Yes |
| Data Center Operations and Management This specialization is designed for students seeking knowledge that will prepare them for a career in the design, architecture, management and operation of enterprise data center. | | Yes |
| Systems Analysis Designed for students seeking knowledge of the integration of business rules and processes with technology that will prepare them for a career as a systems analyst. | | Yes |
| Management Information Systems Designed for students seeking knowledge that will prepare them for a career in the design, administration and operations of management information systems. | | Yes |
| Digital Systems Technology Designed for students seeking knowledge that will prepare them for careers in system architecture and application development for portable and embedded digital systems. | | Yes |
| Healthcare Information Technology Designed for students seeking knowledge that will enable them to master the unique requirements for the design, operation and management of information systems in the health care industry. | | Yes |
| Information Technology Executive Designed to equip experienced IT professionals with the knowledge and skills to be Chief Information Officers or Chief Technology Officers in medium-to-large enterprises. This program is designed for middle-and upper-level information technology managers and requires an additional interview for admission. | | Yes |
| General Course of Study | Yes | Yes |

■ ABOUT IIT

Illinois Institute of Technology is a private, Ph.D. granting university founded in 1890, offering programs in engineering, science, technology, architecture, design, psychology, public administration, technical communication, business and law. IIT is a member of the prestigious Association of Independent Technological Universities.

■ FACTS AT A GLANCE:

2639 / 35% - Undergraduate

3199 / 42% – Graduate

653 / 8% – Business

1122 / 15% - Law

35% - Female

66% - Male

16% - Minority

39% - International

110 – Countries of origin

■ IIT'S MISSION

IIT will be internationally recognized in distinctive areas of education and research, using as its platform the global city of Chicago, driven by a focus on professional and technology-oriented education, and based on a culture of innovation that embraces bold and transformational ideas.

■ ACCREDITATION

Illinois Institute of Technology is accredited by the [Higher Learning Commission](#) of the North Central Association of Colleges and Schools. Professional Learning programs are accredited by International Association for Continuing Education and Training (IACET).

■ CHICAGO LOCATION

Chicago is the multicultural center of the United States and offers numerous amenities such as museums, restaurants, sporting events, landmarks and more. Chicago offers access to many American companies and is the home of President Barack Obama, the Willis Tower (formerly Sears Tower), tall buildings, Millennium Park, and the Chicago Bears football, Bulls basketball, Cubs and Sox baseball and Blackhawks hockey teams. IIT has 5 campus locations in the Chicago area.

■ WAIVER

Applicants who hold degrees from institutions where the primary language of instruction is English are **exempt** from the TOEFL requirement. However, TOEFL scores may be requested at the discretion of the applicant's academic department if the verbal portion of his or her GRE is significantly low.

■ RESEARCH

IIT's internationally recognized faculty conducts research on a wide range of subjects. On campus and in collaboration with national research laboratories and industry, IIT faculty and students are on the leading edge of discovery and problem solving. Current research strengths include: sustainability, nanotechnology, perfect power, biomedical engineering, imaging processing, architecture, safety, fluid dynamics and aerospace, industrial and information technology, clinical psychology, synchrotron radiation science, environmental engineering and regulatory policy, polymer science and recycling, food safety and technology, computing, and transportation and infrastructure.

UNDERGRADUATE PROGRAM

The Bachelor of Information Technology & Management is a traditional 4 year program, or 2 year transfer program that focuses on the application and management of information technology. The Bachelor of Information Technology & Management program is taught using a hands-on, reality-based approach to education, in which students apply what they learn in class to solve real-life problems.

The program is designed to enable students from two-year technical schools, community colleges and other universities to transfer to IIT and complete a bachelor's degree. Classes meet in the day and evenings so that the program may be taken either full or part-time. Students gain knowledge of contemporary programming languages, operating systems, networking, relational database systems, and systems security, with a focus on integration in the workplace. The program does not require prior technology courses; all technical areas are presented beginning at a fundamental skill level.

The courses in the Information Technology and Management program are designed to provide a solid knowledge of the field and to prepare you to take industry-standard certification exams for certifications from organizations such as CompTIA; Microsoft; Sun; Oracle; the Institute for Certification of Computing Professionals; the Linux Professional Institute; the System Administration, Networking and Security (SANS) Institute and more.

■ UNDERGRADUATE ADMISSION REQUIREMENTS:

4 YEAR / FRESHMAN

Admission to the degree program is competitive and based on a review of:

- Completed application
- Official transcripts in the native language
- Certified copy in English translation of all transcripts
- Standardized test scores - ACT or SAT I
- TOEFL or IELTS scores
- Letter of recommendation
- Affidavit of financial support

TRANSFER

Admission to the degree program is competitive and based on a review of:

- College transcripts
- Documentation of work experience
- An admission interview
- If you have a GPA of 3.0 on a 4.0 scale from an approved university, we can admit you unconditionally

To enroll in the program you must:

- Hold an associate's degree (AA) from an accredited college or the equivalent, completion of ~60 credit hours
- Include official transcripts (or certified copies) of all college-level work
- Submit an online application for admission as a degree-seeking student

If you are admitted, you will need to have satisfied the lower level (100- or 200- courses) General Education Requirements; if you haven't, you'll have to make them up while working on the IT degree (you have up to two years to do that).

The degree requires 126 credit hours including transfer and coursework completed at IIT. Only college courses in which you earned a grade of "C" or better may be accepted for transfer.

GRADUATE PROGRAM

The Master of Information Technology & Management (MITM) is a degree program designed primarily for students who seek both a theoretical and a hands-on, laboratory based program to broaden and deepen their knowledge of new and emerging information technologies, the application and integration of these technologies, and the administrative practices used in the effective management of these technologies.

The Master's degree program may be completed through day and evening coursework and/or entirely via online courses. If the program is completed online, a smaller number of specializations will be available.

The courses in the Information Technology and Management program are designed to provide a solid knowledge of the field and to prepare you to take industry-standard certification exams for certifications from organizations such as CompTIA; Microsoft; Sun; Oracle; the Institute for Certification of Computing Professionals; the Linux Professional Institute; the System Administration, Networking and Security (SANS) Institute and more.

■ GRADUATE ADMISSION REQUIREMENTS

Admission to the degree program is competitive and based on a review of:

- College transcripts
- Personal Statement
- Letters of Recommendation
- Documentation of work experience
- IT certifications

Applicants for admission must have earned a four-year bachelor's degree from an accredited institution with a minimum cumulative undergraduate GPA of 3.0/4.0. For prospective students who do not meet this admission requirement, it may be possible to be admitted as a non-degree student and then make application for admission based on the results of study as a non-degree student. Admission as a non-degree student follows the university policy set forth in the Graduate Bulletin.

International applicants are required to submit a GRE score with a minimum score of 900 (quantitative + verbal) and 2.5 (analytical writing), and may be required to submit a TOEFL score.

■ PREREQUISITES

Students whose undergraduate degree is not in a computer-related area or who do not have significant experience or certifications in the information technology field will be required to demonstrate proficiency in the undergraduate courses that are prerequisites for the graduate program. Proficiency may be demonstrated by taking and passing a written exam or taking and passing, with a grade of B or better, the prerequisite undergraduate courses at IIT.

■ PLACEMENT EXAMINATIONS

Students entering the Master of Information Technology and Management degree program may be required to take placement examinations based on an evaluation of their background and their undergraduate degree program.

■ QUESTIONS:

Visit www.iit.edu/cpd/itm/ or

Graduate students contact:

Valerie Scarlata, ITM Graduate Admissions and Graduate Adviser
630.682.6005 or scarlata@iit.edu

Undergraduate students contact:

Ray Trygstad, ITM Associate Director and Undergraduate Adviser
630.682.6032 or trygstad@iit.edu

INTERNATIONAL NON-DEGREE PROGRAMS

Illinois Institute of Technology offers many programs for international students, professionals, universities, English teachers and corporations. Programs of various lengths are aimed at increasing participants' listening and speaking skills in English. The short-term programs focus on increasing participants' English and professional skills, while the semester programs focus on increasing English skills while also developing students' technical and business skills. Unlike degree programs at IIT, these programs do not require completion of the TOEFL, and in some cases courses may be transferred into degree programs once you have qualified and have been admitted.

- Summer Programs
- Short-term Programs
- One-Semester Programs
- One-Semester plus Internship Programs
- Two-Semester Programs
- Three-Semester/12-month Programs with optional internship
- Programs for Professionals and Educators

WHY ILLINOIS INSTITUTE OF TECHNOLOGY'S PROFESSIONAL LEARNING PROGRAMS?

- Choose from a variety of programs designed to enable all students to achieve their study abroad goals.
- Learn English and American Culture in English classes designed for the ESL learner (English as a Second Language).
- Gain English proficiency prior to seeking admission to a U.S. graduate program
- Study Business, Technology, Leadership, and ESL teacher training skills in an English speaking environment.
- Participate in an internship at an American organization for six weeks.
- Apply to IIT's undergraduate programs or ITM and INTM Master's Programs and continue your study at IIT after your designated program. Your I-20 and some credits from International Program will transfer into a degree program after you have been accepted.
- Meet other students from all over the world.

If you are interested in more information regarding non-degree international programs please visit www.iit.edu/cpd/professional_learning/ or contact us by email at internationalinfo@iit.edu

The experience is easier to obtain than you think! We hope to see you soon in Chicago!