3.1 Overview
In this chapter, we review policies and guidelines related to graduate admissions at Illinois Institute of Technology.

3.2 Degree Programs
3.2.1 List of Graduate Degree Programs

**Applied Mathematics**
Degrees Offered
- Master of Applied Mathematics
- Master of Science in Applied Mathematics
- Doctor of Philosophy in Applied Mathematics

Joint Degree Programs
- Master of Data Science (with Computer Science)
- Master of Mathematical Finance (with Business)
- Master of Science in Computational Decision Sciences and Operations Research (with Computer Science)

**Architecture**
Degrees Offered
- Master of Architecture (M. Arch.), Professional Degree
- Master of Landscape Architecture (M.L.A.), Professional Degree
- Master of Architecture/Master of Landscape Architecture (dual degree)
- Master of Science in Architecture
- Doctor of Philosophy in Architecture
- Doctor of Philosophy in Architecture with Specialization in History and Theory of Architecture
- Doctor of Philosophy in Architecture with Specialization in Technologies of the Built Environment

**Biology**
Degrees Offered
- Master of Biology
- Master of Science in Biology
- Master of Science in Biology for the Health Professions
- Master of Science in Biology with Specialization in Applied Life Sciences
- Master of Science in Biology with Specialization in Biochemistry
- Master of Science in Biology with Specialization in Cell and Molecular Biology
- Master of Science in Biology with Specialization in Microbiology
- Master of Science in Molecular Biochemistry and Biophysics
- Doctor of Philosophy in Biology
- Doctor of Philosophy in Molecular Biochemistry and Biophysics

**Biomedical Engineering**
Degrees Offered
- Master of Computational Engineering, Biomedicine Track
- Master of Engineering in Biomedical Engineering
- Master of Science in Biomedical Engineering
- Doctor of Philosophy in Biomedical Engineering

**Business**
Degrees Offered
- Master of Business Administration (M.B.A.)
- Master of Public Administration
• Master of Technological Entrepreneurship
• Master of Science in Finance
• Master of Science in Management Science
• Master of Science in Marketing Analytics
• Master of Science in Sustainability Management
• Doctor of Philosophy in Management Science

Dual Degree Program
• Master of Design/Master of Business Administration

Joint Degree Program
• Master of Mathematical Finance (with Applied Mathematics)

Chemical and Biological Engineering
Degrees Offered
• Master of Biological Engineering
• Master of Chemical Engineering
• Master of Computational Engineering, Computational Chemical Engineering Track
• Master of Pharmaceutical Engineering
• Master of Science in Chemical Engineering
• Doctor of Philosophy in Chemical Engineering

Dual Degree Program
• Master of Science in Computer Science/Master of Chemical Engineering (with Computer Science)

Chemistry
Degrees Offered
• Master of Chemistry
• Master of Chemistry in Analytical Chemistry
• Master of Chemistry in Materials Chemistry
• Master of Science in Analytical Chemistry
• Master of Science in Chemistry
• Doctor of Philosophy in Chemistry

Civil, Architectural, and Environmental Engineering
Degrees Offered
• Master of Engineering Management, Project Management Track
• Master of Engineering in Architectural Engineering
• Master of Engineering in Construction Engineering and Management
• Master of Engineering in Energy Systems, Energy Conservation and Buildings Track
• Master of Engineering in Environmental Engineering
• Master of Engineering in Geotechnical Engineering
• Master of Engineering in Structural Engineering
• Master of Engineering in Transportation Engineering
• Master of Engineering in Urban Systems Engineering
  • Monitoring and Control of Urban Systems Track
  • Urban Building Systems Track
  • Urban Transportation Systems Track
• Master of Public Works
• Master of Science in Architectural Engineering
• Master of Science in Civil Engineering with specialization in:
  Construction Engineering and Management
  Geotechnical Engineering
Structural Engineering  
Transportation Engineering  
- Master of Science in Environmental Engineering  
- Doctor of Philosophy in Civil Engineering  
- Doctor of Philosophy in Environmental Engineering  

Computer Science  
Degrees Offered  
- Master of Computer Science  
- Master of Computer Science with specialization in:  
  - Business  
  - Computational Intelligence  
  - Cyber-Physical Systems  
  - Data Analytics  
  - Database Systems  
  - Distributed and Cloud Computing  
  - Education  
  - Finance  
  - Information Security and Assurance  
  - Networking and Communications  
  - Software Engineering  
  - Master of Science in Computer Science  
  - Doctor of Philosophy in Computer Science  

Dual Degree Program  
- Master of Science in Computer Science/Master of Chemical Engineering (with Chemical and Biological Engineering)  

Joint Degree Programs  
- Master of Data Science (with Applied Mathematics)  
- Master of Telecommunications and Software Engineering (with Electrical and Computer Engineering)  
- Master of Science in Computational Decision Sciences and Operations Research (with Applied Mathematics)  

Design  
Degrees Offered  
- Master of Design  
- Master of Design Methods  
- Doctor of Philosophy in Design  

Dual Degree Program  
- Master of Design/Master of Business Administration (with Business)  

Electrical and Computer Engineering  
Degrees Offered  
- Master of Biomedical Imaging and Signals  
- Master of Computational Engineering, Optimization, Machine Vision, and Decision Making Track  
- Master of Cyber Security Engineering  
- Master of Electrical and Computer Engineering  
- Master of Network Engineering  
- Master of Power Engineering  
- Master of VLSI and Microelectronics  
- Master of Engineering in Advanced Manufacturing, Automation and Control Systems Track  
- Master of Engineering in Energy Systems, Energy Transmission and Markets Track  
- Master of Science in Computer Engineering
Graduate Admissions

- Master of Science in Electrical Engineering
- Doctor of Philosophy in Computer Engineering
- Doctor of Philosophy in Electrical Engineering

Dual Degree Program
- Master of Science in Computer Engineering and Electrical Engineering

Joint Degree Programs
- Master of Electricity Markets (with Finance)
- Master of Telecommunications and Software Engineering (with Computer Science)

Food Science and Nutrition
Degrees Offered
- Master of Food Process Engineering
- Master of Food Safety and Technology
- Master of Food Safety and Technology with Specialization in Business
- Master of Food Safety and Technology with Specialization in Industrial Management
- Master of Science in Food Process Engineering
- Master of Science in Food Safety and Technology
- Doctor of Philosophy in Food Science and Nutrition

Humanities
Degrees Offered
- Master of Science in Technical Communication and Information Architecture
- Master of Science in Technology and Humanities
- Doctor of Philosophy in Technology and Humanities

Industrial Technology and Management
Degree Offered
- Master of Industrial Technology and Operations

Information Technology and Management
Degrees Offered
- Master of Cyber Forensics and Security
- Master of Information Technology and Management
- Master of Science in Applied Cybersecurity and Digital Forensics

Mechanical, Materials, and Aerospace Engineering
Degrees Offered
- Master of Computational Engineering, Computational Mechanics Track
- Master of Engineering Management, Product Design and Development Track
- Master of Engineering in Advanced Manufacturing
  - Additive Manufacturing Track
  - Digital Manufacturing Track
- Master of Engineering in Energy Systems, Energy Generation and Sustainability Track
- Master of Engineering in Manufacturing Engineering
- Master of Engineering in Manufacturing Engineering via Internet
- Master of Engineering in Materials Science and Engineering
- Master of Engineering in Mechanical and Aerospace Engineering
- Master of Science in Manufacturing Engineering
- Master of Science in Materials Science and Engineering
- Master of Science in Mechanical and Aerospace Engineering
- Doctor of Philosophy in Materials Science and Engineering
• Doctor of Philosophy in Mechanical and Aerospace Engineering

Physics
Degrees Offered

• Master of Health Physics
• Master of Science in Applied Physics
• Master of Science in Physics
• Doctor of Philosophy in Physics

Psychology
Degrees Offered

• Master of Science in Industrial-Organizational Psychology
• Master of Science in Psychology
• Master of Science in Rehabilitation and Mental Health Counseling
• Master of Science in Rehabilitation and Mental Health Counseling with Advanced Standing
• Doctor of Philosophy in Psychology with Specialization in Clinical Psychology
• Doctor of Philosophy in Psychology with Specialization in Clinical Psychology: Rehabilitation Track
• Doctor of Philosophy in Psychology with Specialization in Industrial-Organizational Psychology
• Doctor of Philosophy in Rehabilitation Counseling Education

3.3 Application for Admission
Graduate application forms and information concerning admission procedures are available online: admissions.iit.edu/graduate. The Office of Graduate Admission sends general information on graduate education at Illinois Institute of Technology, and specific information to prospective students on degree programs and faculty research interests. Prospective students are urged to apply for admission as early as possible. To be admitted to graduate study in a given academic unit, the prospective student must satisfy the requirements of that unit as well as those of the institution.

3.3.1 General Requirements
To be considered for admission as a degree-seeking Ph.D., M.S., or professional (MAS) master's student, applicants must have completed or expect to complete a four-year undergraduate degree in an appropriate field from an accredited U.S. institution, or foreign institution meeting Illinois Institute of Technology institutional standards, with a minimum “B” average (GPA of 3.0 on a 4.0 scale or equivalent).

For current application requirements, procedures, and deadlines, visit the Office of Graduate Admission website at admissions.iit.edu/graduate.

3.3.2.1 Financial Assistance
Teaching and research assistantships, fellowships, and tuition scholarships are awarded to a limited number of applicants with outstanding credentials. For more information about funding graduate education, visit the Office of Graduate Admission website at admissions.iit.edu/graduate/finances/funding-your-graduate-education.

3.3.2.2 Housing
For information regarding on-campus housing, refer to the Living Expenses section of the Graduate Bulletin.

3.3.2.3 Medical Exams
Medical examination and immunization forms are sent with admission letters. These forms are also available online at web.iit.edu/shwc.

3.3.2.4 Equal Opportunity in Education
It is the intention of Illinois Institute of Technology to act in accordance with all regulations of the federal, state, and local government in respect to providing equality of opportunity in employment and in education, insofar as those regulations may pertain to the university. Illinois Institute of Technology prohibits and will act to eliminate discrimination on the basis of race, color, religion, national origin, sex, age, handicap, or veteran status.

Any applicant to Illinois Institute of Technology who believes that he or she has received inequitable treatment owing to discrimination violating the university’s stated policy of equal opportunity in employment and in education should communicate, either in writing or in person, with the Equal Opportunity and Affirmative Action Officer at the appropriate campus:
3.3.3 Graduate Certificate/Non-Degree Admission

Citizens and permanent residents of the U.S. can apply to graduate certificate programs or take classes as non-degree students. International students requiring a student visa are not eligible for admission to certificate programs or eligible to enroll as non-degree students.

3.3.3.1 Requirements for Certificate and Non-Degree Students
For current application requirements, procedures, and deadlines, visit the Office of Graduate Admission website at admissions.iit.edu/graduate.

3.3.3.2 Admission as a Non-Degree Student
The Office of Graduate Admission will notify the student of any special conditions under which they are admitted. Once those conditions are satisfied, the student may apply as a degree-seeking student. A maximum of nine credit hours of coursework that has been approved by the department of intended degree study and passed with grades of "B" or better may be applied toward the Illinois Institute of Technology degree. Students who wish to continue as non-degree students beyond the nine credit hour limit should advise the Office of Graduate Academic Affairs of their intention to do so.

Non-degree students seeking admission as a degree-seeking student must meet the admission requirement of an overall GPA of 3.0 on a 4.0 scale. All non-degree coursework will be calculated into the cumulative GPA.

3.3.3.3 Admission as a Certificate Student
Applicants should have a bachelor’s degree in an appropriate field of study when applying to a certificate program. If the bachelor’s degree was completed at a university outside the U.S., and the language of instruction was not English, TOEFL scores may be required.

A certificate student later admitted to a master’s program may apply all approved coursework taken as a certificate student and passed with "B" or better grades to the master’s degree program.

Graduate application forms and information concerning admission procedures are available online: admissions.iit.edu/graduate.

Graduate certificate programs offered at Illinois Institute of Technology are:

Business
• Compliance and Pollution Prevention
• Corporate Finance
• Economic Development and Social Entrepreneurship
• Entrepreneurial Finance
• Financial Economics
• Financial Modeling
• Financial Toolbox
• Fundamentals of Finance
• Innovation and Emerging Enterprises
• Investments
• Marketing Management
• Nonprofit and Mission-Driven Management
• Public Management
• Risk Management
• Security, Safety, and Risk Management
• Sustainable Enterprise
• Trading
Post-graduate

Chemical and Biological Engineering
  • Biological Engineering
  • Current Energy Issues
  • Particle Processing
  • Pharmaceutical Engineering
  • Polymer Science and Engineering
  • Process Operations Management

Chemistry
  • Analytical Method Development
  • Analytical Spectroscopy
  • Chromatography
  • Materials Chemistry
  • Regulatory Science

Civil, Architectural, and Environmental Engineering
Certificates in Architectural Engineering
  • Architectural Engineering

Certificates in Civil Engineering
  • Construction Management
  • Earthquake and Wind Engineering Design
  • Infrastructure Engineering and Management
  • Transportation Systems Planning

Certificates in Environmental Engineering
  • Air Resources
  • Hazardous Waste Engineering
  • Indoor Air Quality
  • Water and Wastewater Treatment

Computer Science
  • Computational Intelligence
  • Cyber-Physical Systems
  • Data Analytics
  • Database Systems
  • Distributed and Cloud Computing
  • Information Security and Assurance
  • Networking and Communications
  • Software Engineering

Electrical and Computer Engineering
  • Advanced Electronics
  • Applied Electromagnetics
  • Communication Systems
  • Computer Engineering
  • Control Systems
  • Electricity Markets
  • Power Electronics
  • Power Engineering
  • Signal Processing
  • Wireless Communications Engineering
Food Science and Nutrition
- Food Process Engineering
- Food Processing Specialist
- Food Safety and Industrial Management
- Food Safety and Technology

Humanities
- Instructional Design
- Technical Communication

Information Technology and Management
- Advanced Software Development
- Cyber Security Management
- Cyber Security Technologies
- Data Center Operations and Management
- Data Management and Analytics
- Digital Voice and Data Communication Technologies
- Information Technology Innovation, Leadership, and Entrepreneurship
- System Administration
- Systems Analysis
- Web Design and Application Development

Mechanical, Materials, and Aerospace Engineering
- Computer Integrated Design and Manufacturing
- Product Quality and Reliability Assurance

Physics
- Radiological Physics

Psychology
- Psychiatric Rehabilitation
- Rehabilitation Counseling
- Rehabilitation Engineering Technology

Professional Certificate Programs offered at Illinois Institute of Technology are:

Chicago-Kent College of Law
Students must be enrolled as J.D. students to earn these certificates:

- Business Law (p. )
- Criminal Litigation (p. )
- Environmental and Energy Law (p. )
- Financial Markets Compliance
- Intellectual Property Law (p. )
- International and Comparative Law (p. )
- Labor and Employment Law (p. )
- Litigation and Alternative Dispute Resolution (p. )
- Litigation and Alternative Dispute Resolution and Labor and Employment Law (Joint Program)
- Praxis Program (p. )
- Public Interest Law (p. )

3.3.4 Post-Baccalaureate (UPB) Students
Applicants with bachelor’s degrees who are ineligible for graduate admission may be admitted as Undergraduate Post-Baccalaureate (UPB). In general, UPB admission may be offered to domestic applicants who are required to complete a number of prerequisite courses to improve their undergraduate performance or complete prerequisites for graduate study. These students may later be considered for admission as non-degree graduate students at Illinois Institute of Technology. Students should apply for the UPB status through the Office of Undergraduate Academic Affairs, in the Suite 2F9-1, IIT Tower, 312.567.3300.
3.3.5 Faculty Members as Graduate Students
Illinois Institute of Technology faculty in tenured or tenure-track lines may not pursue graduate degrees from Illinois Institute of Technology. Under certain restrictions established by the Graduate Studies Committee, persons holding non-tenure titles may pursue graduate degrees at the university. The Associate Dean of the Graduate College must approve any other exceptions to this policy. Such exceptions are rare and will only be approved when it is determined to be in the best interest of the university and will be contingent on the faculty member’s compliance with the following regulations:

1. The petitioning faculty member must prove that there is no overlap or conflict of commitment between the faculty’s unit and the unit in which he/she proposes to study.
2. The faculty member must show that the pursuit of the graduate degree will be beneficial to the university.
3. The faculty member must present a plan of study and employment covering the entire period of graduate study from the time of admission until the completion of degree requirements. It is expected that during the period of concentrated study, the faculty member will work at a reduced FTE level.
4. If the plan is approved, the faculty member must observe all academic unit and university criteria. Graduate degrees must be completed within six years.

3.3.6 Students with Disabilities
Once a student decides to attend Illinois Institute of Technology he/she should contact the Center for Disability Resources at 312.567.5744 (voice) or 312.567.5135 (TDD). Students should discuss their needs before arriving on campus so that suitable arrangements can be made.

3.4 Processing of Admission Materials
The Office of Graduate Admission is responsible for coordinating all graduate admission reviews and decisions with the academic departments. For more information, contact 312.567.3020.

3.4.1 Certification of Financial Responsibility
United States visa regulations require all F and J visa holders to provide certified evidence (Financial Support Form) of adequate funds to meet tuition and living expenses for a proposed program of study. The Financial Support Form for the first year must have the sponsor’s guarantee of support. This form is available online: admissions.iit.edu/sites/admissions/files/elements/ga/pdfs/forms/GADM_6020_FinancialAffidavitSupport_2018.pdf.

Estimated cost of attendance for Illinois Institute of Technology graduate students is available here: admissions.iit.edu/graduate/finances/tuition-and-fees.

3.4.2 Visa Eligibility
Illinois Institute of Technology is authorized to issue the following visa eligibility documents:

Certificate of Eligibility for Nonimmigrant (F-1) Student—SEVIS I-20 Form

• In order to issue the SEVIS I-20 form, the student must be admitted to an academic unit, and a completed Affidavit of Support must be on file.

Certificate of Eligibility for Exchange Visitor (J-1) Status—SEVIS DS-2019 Form

• In order to issue the SEVIS DS-2019 form, the visitor must submit a completed DS-2019 Request Form for Incoming J-1 Visitors form and provide proof of funding. The form is available online: web.iit.edu/sites/web/files/departments/international-center/pdfs-new/J1ScholarFormDEPT_2015.pdf.

3.4.3 Academic Students Admitted for the Next Degree Level
Students who complete one degree level and wish to continue to the next one or study in a new degree program, must submit a new application for admission and a new Financial Support Form.

3.4.4 Use of Non-Degree Credits and Degree-seeking Admission
Non-degree students must complete the Application for Graduate Admission prior to completing nine credit hours of non-degree coursework. No more than nine credits hours—with a minimum grade point average of 3.0/4.0—taken as a non-degree student, can be transferred to a degree program.

3.4.5 Re-Admission After an Absence
Regular graduate students who will not take classes for one or more semester must file a Request for a Leave of Absence form. The Leave of Absence form is handled through the MyIIT portal (my.iit.edu), under the Academics Tab.

Rules pertaining to a leave of absence:
A degree-seeking graduate student is expected to register from semester to semester unless granted a leave of absence approved by the Office of Graduate Academic Affairs.

1. Non-degree graduate students do not require leaves of absence, since they have not been accepted into a degree program.
2. Students on leave may not take any exams or use the library, laboratories, or other institute facilities during their leave.
3. Initial leaves of absence are approved for no more than one year and up to one additional year extension. Following a leave, the student must file a G701 Graduate Student Petition to request reinstatement from leave.
4. A regular graduate student who does not maintain continued enrollment may be denied registration when seeking to return, or may be required to submit further documents in support of a request for re-admission to Illinois Institute of Technology.
5. A leave of absence does not extend the time limit for completion of the degree.
6. A medical leave of absence must be approved by the Office of the Dean of Students for all graduate students and the International Center for all international students.

3.4.6 Admission for a Second Graduate Degree
A student who earns a graduate degree at Illinois Institute of Technology is not automatically accepted as a student in a second-degree program in either the same or a different academic unit. Continuation for a second degree is contingent upon admission to the second program. Additional information is available from the Office of Graduate Admission.

3.4.7 Transferring from Another Program
A degree-seeking student planning to transfer from one degree program to another should discuss the matter with academic advisers in both programs. The student should then submit an application for admission to the new degree program. The student will be notified once the decision is made. A new admission is required when the degree is a higher level degree or is in a different academic unit. A change of degree, with an equivalent degree or lower degree title (i.e. M.S. to M.S., M.S. to ME, ME to ME, M.S. to MAS or MAS to MAS), within the same academic unit, may be requested from Graduate Degree Works by selecting the eForms tab and the option. The approval of the academic adviser, academic unit approver, and Office of Graduate Academic Affairs is required before the program may be changed. A degree with a higher title (i.e. MAS to M.S., M.S. to Ph.D., ME to M.S. or ME to Ph.D.) requires a new admission.