

Application for Graduate Admission

www.grad.iit.edu



Applied Mathematics
Biological, Chemical, and Physical Sciences
Biomedical Engineering
Chemical and Environmental Engineering
Civil and Architectural Engineering
Computer Science
Electrical and Computer Engineering
Food Safety and Technology
Industrial Technology and Operations
Information Technology and Management
Math and Science Education
Mechanical, Materials, and Aerospace Engineering
Public Administration
Technical Communication

Applying Online

We encourage you to apply online at www.grad.iit.edu/admission. Applying online will expedite the review of your application and allow you to pay the application fee with a credit card.

General Admission Requirements

To be considered for admission as a degree-seeking Ph.D., M.S., or Professional Master's student, you must have completed or expect to complete a four-year undergraduate degree in an appropriate field from an accredited educational institution with a minimum "B" average (GPA of 3.0 on a 4.0 scale or equivalent).

Official Transcripts

Official transcripts/individual mark sheets indicating degree(s) awarded, course titles, credit hours, and grades earned from all post-secondary schools attended must be submitted, regardless of whether or not a degree was completed. All transcripts must bear the official signature and seal of the issuing institution and have been issued within a year of application (IIT transcripts need not be submitted). If you are unable to submit an original transcript, you may submit an officially attested copy from your university. Student, notarized, and third party copies of transcripts are not accepted, nor are consolidated records.

If your degree program is in progress, you must submit transcripts from at least six semesters and may be conditionally admitted subject to receipt of a final transcript showing that the degree has been awarded and minimum requirements have been met. We may ask you to submit your final year's grades if a decision cannot be made based on six semesters. This final official transcript with degree posted must be submitted within 30 days of the first day of classes or you will not be permitted to continue at IIT.

GRE Scores

GRE scores are required for all Ph.D. and M.S. applicants, with the exception of applicants to the Technical Communication and Public Administration programs. GRE scores are also waived for all applicants to the professional master's programs if a 4-year bachelor's degree was completed at an accredited U.S. institution with a cumulative GPA of at least 3.0/4.0. Individual academic units may require higher scores and/or may emphasize some sections of the test more than others. GRE score requirements for individual departments are posted on our web site, www.grad.iit.edu/admission. The GRE must have been taken within the past five years. Meeting the minimum standards does not guarantee admission.

IIT's institution code number for the GRE is 1318. For more information on the GRE:

800-GRE-CALL (1-800-473-2255) (U.S., U.S. Territories and Canada)
www.gre.org

Letters of Recommendation

Letters of Recommendation must be submitted from individuals who are able to assess your academic and/or career achievements and potential. Recommenders may include individuals such as professors or employers but may not include family members. Ph.D. applicants must provide three letters; Master's and Professional Master's applicants two letters. If submitted through the mail, the letters must be dated, signed, and sealed; bear the recommender's original signature; and have been written within the last year. Beginning in September 2006, letters may also be submitted online as part of the online application.

Application Fee

The \$40 application fee must be submitted by all first time applicants and is non-refundable. IIT must receive this fee before considering your application. This fee will not be applied toward tuition charges.

Professional Statement

Your professional statement should describe your career goals and academic potential (1–2 pages recommended).

Tuition and Fees, 2006–2007

Graduate tuition for 2006–2007 is \$727 per credit hour. Tuition and fees are subject to change. If you are planning to enroll as a full-time student (taking at least nine semester hours of credit each semester), please visit our website, www.grad.iit.edu, for more information about costs.

Funding and Financial Aid

Teaching and research assistantships, fellowships, and tuition scholarships are awarded to a limited number of applicants with outstanding credentials who intend to study full time at 9 hours or more per semester. To request consideration, simply check the appropriate box on the application. No special forms are required. **Please note the special deadlines for applicants interested in financial support on the Checklist page.** Admitted students are informed of a financial support decision in their letter of admission or shortly thereafter.

For information about payment plans, federal loan and work study programs, and private financing, please visit www.enrollment.iit.edu. To apply for federal loan and work study money, please see the FAFSA at www.fafsa.ed.gov.

Housing

If you wish to live on campus, please contact the Housing Office at 3303 S. State Street, North Pavilion, Room 1.6, Chicago, IL, 60616; 312.567.5075; housing@iit.edu. For more information on IIT housing, please visit <http://housing.iit.edu>.

Submission of Documents and Fees

Please send transcripts, test scores, letters of recommendation, and application fee to:

Office of Graduate Admission
Illinois Institute of Technology
10 West 33rd Street
Perlstein Hall 203
Chicago, IL 60616-3793

Application Inquiries

We will notify you of the status of your application by email and provide information about how to check your application status online. You may inquire about the status of your application by emailing gradstu@iit.edu. Applications will be retained for reconsideration for one year from the semester to which you originally applied. No documents submitted along with the application will be forwarded, duplicated, or returned.

It is the intention of Illinois Institute of Technology to act in accordance with all regulations of the federal, state and local governments in respect to providing equal opportunity in employment and in education, insofar as those regulations may pertain to IIT. IIT prohibits and will act to eliminate discrimination on the basis of race, color, sex, religion, national origin, age, veteran status or disability. Any applicant to Illinois Institute of Technology who believes that he or she has received inequitable treatment owing to discrimination violating IIT's stated policy of equal opportunity in employment and in education should communicate, either in writing or in person, with the Affirmative Action Officer at the appropriate campus:

Main Campus

Illinois Institute of Technology
The McCormick Tribune Campus Center
Room 210
3201 S. State Street
Chicago, IL 60616

Downtown Campus

Illinois Institute of Technology
Downtown Campus
565 W. Adams Street,
Room 320
Chicago, IL 60661

Degrees and Research Specializations

Illinois Institute of Technology offers the following graduate degrees and certificates: **Ph.D.**, Doctor of Philosophy; **M.S.**, Master of Science; **MAS**, Professional Master's; **CER**, Graduate Certificate; **M.B.A.**, Master of Business Administration; **M.C.H.**, Master of Chemistry; **M.P.W.**, Master of Public Works; and the **M.P.A.**, Master of Public Administration.

Please see the program list on pages 6–9.

V. Academic Information

Test scores (not required for professional master's applicants or applicants to the Technical Communication and Information Design and Public Administration programs).

GRE _____
Date (month/year) Verbal Quantitative Analytical/Writing

(Please be sure to have your scores sent directly to IIT from Educational Testing Service. IIT's Institution Code is 1318.)

Please list all colleges and universities attended, including IIT. Official transcripts from each college or university listed are required.

Institution 1 (most recent)

Name of institution _____

City _____ State/Country _____ Zip Code _____

Date of attendance: from _____ to _____
months/years months/years

Degree _____
date degree granted cumulative GPA

Institution 2

Name of institution _____

City _____ State/Country _____ Zip Code _____

Date of attendance: from _____ to _____
months/years months/years

Degree _____
date degree granted cumulative GPA

Institution 3

Name of institution _____

City _____ State/Country _____ Zip Code _____

Date of attendance: from _____ to _____
months/years months/years

Degree _____
date degree granted cumulative GPA

VI. Recommenders

List your recommender's contact information. Please see the checklist on the insert to determine the number of recommendations required for your program of study.

Recommender 1

Name: _____

University/Company name: _____

Relationship: Academic Advisor Coworker Employer Manager
 Professor/Instructor Research Supervisor Other _____

E-mail address: _____

Telephone: _____

Academic Unit	Degree	Academic Program	Research Interests/Specializations
Applied Mathematics (AMAT)	Ph.D.	Applied Mathematics (AMAT)	Applied Analysis; Computational Mathematics; Discrete Applied Mathematics; Stochastics
	M.S.	Applied Mathematics (AMAT)	Same as Ph.D. in Applied Mathematics
	MAS	Mathematical Finance—joint program with Stuart Graduate School of Business (MMF)	
Biological, Chemical, and Physical Sciences (BCPS)	Ph.D.	Biology (BIOL)	Biochemistry; Cell and Molecular Biology; Microbiology; Structural Biology
		Chemistry (CHEM)	Analytical; Inorganic; Organic; Polymer; Physical Chemistry
		Molecular Biochemistry and Biophysics (MBB)	Genetics and Genetic Engineering; Structural Biophysics; Biochemistry and Cellular Biophysics
		Physics (PHYS)	Experimental and Theoretical High Energy Physics; Experimental and Theoretical Condensed Matter Physics; Accelerator Physics; Materials and Surface Physics; Biomedical and Materials Imaging; Molecular and Cellular Biophysics
	M.S.	Biology (BIOL)	Biochemistry; Biotechnology; Cell and Molecular Biology; Microbiology
		Chemistry (CHEM)	Same as Ph.D. in Chemistry
		Molecular Biochemistry and Biophysics (MBB)	Genetics and Genetic Engineering; Structural Biophysics; Biochemistry and Cellular Biophysics
		Physics (PHYS)	Same as Ph.D. in Physics
	MAS	Biology (BIOL)	Same as M.S. in Biology
		Chemistry (CHEM)	
		Health Physics (HP)	
	MCH	Analytical Chemistry (ACHM)	
		Materials and Chemical Synthesis (MCS)	
	CER	Analytical Method Development (AMD)	
		Analytical Spectroscopy (ASP)	
		Characterization of Inorganic and Organic Materials (CIO)	
		Chromatography (CHRO)	
		Radiological Physics (RPHY)	
		Synthesis and Characterization of Inorganic Materials (SIM)	
	Synthesis and Characterization of Organic Materials (SUM)		
Biomedical Engineering (BME)	Ph.D.	Biomedical Engineering (BME)	Cell and Tissue Engineering; Medical Imaging; Neural Engineering; Biomaterials
Chemical and Environmental Engineering (CHEE)	Ph.D.	Chemical Engineering (CHE)	Biological and Biomedical Engineering; Complex Systems Engineering; Crystallization; Electrochemical Science and Engineering; Environmental Science and Engineering; Interfacial Science; Multi-phase Flow; Nano- and Micro-particle Science and Engineering; Polymer Science and Engineering; Process Design, Modeling and Control
		Environmental Engineering (ENVE)	Air Pollution Engineering; Environmental Resource Management; Hazardous Waste Engineering; Pollution Prevention; Environmental Chemistry; Remediation; Human Exposure; Water and Wastewater Engineering
	M.S.	Chemical Engineering (CHE)	Same as Ph.D in Chemical Engineering
		Environmental Engineering (ENVE)	Same as Ph.D in Environmental Engineering
		Food Process Engineering (FPE)	Process and Product Development; Food Processing Operations; Packaging; Food Safety; Food Biotechnology; Process and Quality Monitoring and Control
		Manufacturing Engineering (Interdisciplinary) (MFGC)	
	MAS/M.S.	Chemical Engineering/Computer Science Dual Degree (CHCE)	

Academic Unit	Degree	Academic Program	Research Interests/Specializations			
Chemical and Environmental Engineering (CHEE)	MAS	Biological Engineering (BE)				
		Chemical Engineering (CHE)				
		Environmental Engineering (ENVE)				
		Food Process Engineering (FPE)				
		Gas Engineering (Internet Only) (Interdisciplinary) (GE)				
		Manufacturing Engineering (Interdisciplinary) (MFGC)				
	CER	Air Resources (AR)				
		Biological Engineering (BE)				
		Current Energy Issues (Internet Only) (CEI)				
		Food Process Engineering (FPE)				
		Hazardous Waste Engineering (HWE)				
		Indoor Air Quality (IAQ)				
		Particle Processing (PP)				
		Pharmaceutical Engineering (PHE)				
		Polymer Science and Engineering (PSE)				
		Process Operations Management (POM)				
		Water and Wastewater Treatment (WWT)				
		Civil and Architectural Engineering (CAE)		Ph.D.	Civil Engineering (CE)	Construction Engineering and Management; Geotechnical Engineering; Geoenvironmental Engineering; Structural Engineering; Transportation Engineering
				M.S.	Civil Engineering (CE)	Architectural Engineering; Construction Engineering and Management; Geotechnical Engineering; Geoenvironmental Engineering; Infrastructure Management; Structural Engineering; Transportation Engineering
MAS	Architectural Engineering (ARCE)					
	Construction Engineering and Management (CM)					
	Geoenvironmental Engineering (GEO)					
	Geotechnical Engineering (GTE)					
	Structural Engineering (STE)					
	Transportation Engineering (TE)					
MPW	Public Works (Infrastructure Engineering and Management) (PW)					
CER	Construction Management (CONM)					
	Earthquake and Wind Engineering Design (EWED)					
	Fire Protection and Safety Engineering (FPS)					
	Geoenvironmental Engineering (GEE)					
	Infrastructure Engineering and Management (IEM)					
	Transportation Systems Planning (TSP)					
Computer Science (CS)	Ph.D.	Computer Science (CS)	Analysis of Algorithms; Artificial Intelligence; Aspect-Oriented Programming; Cluster and Grid Computing; Combinatorial Optimization; Computational Geometry; Computational Stylistics; Computer Architecture; Computer Graphics; Computer Vision; Concurrent Programming; Cryptography; Data Mining; Database Systems; Distributed Operating Systems; Distributed Real-Time Embedded Computing; Formal Verification; High-Performance Computing; Information Retrieval; Machine Learning; Mobile, Parallel, and Distributed Computing; Natural Language Processing; Network Design and Management; Neural Networks; Object-Oriented Modeling and Design; Optical and Wireless Networks; Partial Evaluation; Pervasive Computing; Programming Languages; Software Engineering; Spatial and Scientific Databases; Using Computers in Education			
	M.S.	Computer Science (CS)	Same as Ph.D. in Computer Science			

Academic Unit	Degree	Academic Program	Research Interests/Specializations
Computer Science (CS)	MST	Computer Science for Teachers (MST)	Computer Networking and Telecommunications; Information Systems; Software Engineering
	M.S./MAS	Computer Science/Chemical Engineering—dual degree (CHCS)	
	MAS	Computer Science (CS)	
		Telecommunications and Software Engineering — joint program with ECE Department (TSEC)	
	CER	Computer Networking and Telecommunications (CNT)	
		Information Systems (IIS)	
Software Engineering (SE)			
Electrical and Computer Engineering (ECE)	Ph.D.	Computer Engineering (CPE)	VLSI; Computer Arithmetic; Computer Networks; Embedded Computing; Computer Architecture
		Electrical Engineering (EE)	Bandwidth Efficient Modulation and Coding; Speech Recognition; Low-bit Rate and Monopulse Communication Systems; Image Processing; Ultrasonic Signal Processing; Medical Imaging; Projection Methods for Signal Processing; Machine Vision; Adaptive Filtering; Nonlinear System Identification; Data Compression; Superscalar Computer Architecture; Computer Arithmetic; Computer Networks; VLSI; Embedded Computing; Computational Electronics; Electrostatic Discharge Protection for Integrated Circuits; System-on-a-chip Development; Broadband Millimeter-wave Communication System; Radio-frequency Measurement of Material Properties; Propagation Effects on High-speed Devices; Power Electronics; Electric Motor Drives; Planning and Operation of Large-scale Electric Power Systems; Intelligent Systems; Deregulated Power Systems
	M.S.	Computer Engineering (CPE)	Computer Hardware Design; VLSI; Computer Systems Software; Networks and Telecommunications
		Electrical Engineering (EE)	Communication Theory and Signal Processing; Power and Control Systems; Networks, Electronics, and Electromagnetics; Computer Engineering
		Electrical Engineering and Computer Engineering—dual degree (MSCPE/EE)	Communication Theory and Signal Processing; Power and Control Systems; Networks, Electronics, and Electromagnetics; Computer Hardware Design; VLSI; Computer Systems Software; Networks and Telecommunications
		Manufacturing Engineering (Interdisciplinary) (MFEE)	
	MAS	Biomedical Imaging and Signals (BMI)	
		Electrical and Computer Engineering (ECE)	Communication Systems; Computer Communication; Computer Engineering; Control Systems; Electromagnetics; Electronics; Networks; Photonics and Optics; Power Systems; Signal Processing
		Electricity Markets—joint program with Center for Financial Markets (ELEM)	
		Manufacturing Engineering (Interdisciplinary) (MFEE)	
		Network Engineering (NETE)	
		Power Engineering (PWR)	
		Telecommunications and Software Engineering—joint program with CS Department (TSEE)	
		VLSI and Microelectronics (VME)	
	CER	Advanced Electronics (ELEC)	
		Applied Electromagnetics (EMAG)	
		Communication Systems (COMM)	
		Computer Engineering (CPE)	
		Control Systems (CTRL)	
		Electricity Markets (ELEM)	
Power Electronics (PWE)			
Power Engineering (POW)			
Signal Processing (SP)			
Wireless Communications Engineering (WIRE)			

Academic Unit	Degree	Academic Program	Research Interests/Specializations
Food Safety and Technology (FST)	M.S.	Food Process Engineering (FPE)	Process and Product Development; Food Processing Operations; Packaging; Food Safety; Food Biotechnology; Process and Quality Monitoring and Control
		Food Safety and Technology (FST)	Hazard Analysis Critical Control Points (HACCP); Improved Pathogen Detection; Migration In Plastics; Novel Food Processing Methods; Novel Temperature Sensors
	MAS	Food Process Engineering (FPE)	
		Food Safety and Technology (FST)	
	CER	Food Process Engineering (FPE)	
Food Safety and Technology (FST)			
Industrial Technology and Operations (ITO)	MAS	Industrial Technology and Operations (ITO)	
Information Technology and Management (ITM)	MAS	Information Technology and Management (ITM)	Computer and Information Security, Healthcare Information Technology, IT Management and Entrepreneurship, Voice and Data Communication Technology, Data Management, Web Development and Electronic Commerce, Software Development, Systems Administration, VoIP Technologies, Embedded Systems, Computer Forensics
	CER	Computer and Network Security Technologies (NST)	
Mathematics and Science Education (MSED)	Ph.D.	Mathematics Education (MED)	Instruction; Evaluation; Curriculum Development; Misconceptions; Inquiry; Classroom Discourse; Informal Education
		Science Education (SED)	Same as Ph.D. in Mathematics Education
	M.S.	Mathematics Education (MED)	Same as Ph.D. in Mathematics Education
		Science Education (SED)	
	MAS	Mathematics Education (Certification option available) (MED)	Same as Ph.D. in Mathematics Education
		Science Education (Certification option available) (SED)	
Mechanical, Materials, and Aerospace Engineering (MMAE)	Ph.D.	Materials Science and Engineering (MSE)	Computational Materials Science; Materials Processing; Physical Metallurgy; Thermodynamics; Analysis of Preferred Orientation (crystallographic texture) and Anisotropic Properties of Polycrystalline Materials
		Mechanical and Aerospace Engineering (MAE)	Computer Aided Design and Manufacturing; Dynamics and Control; Fluid Dynamics; Micro Fluidics; Nano-fluids; Solids and Structures; Thermal Sciences
	M.S.	Manufacturing Engineering (Interdisciplinary) (MFGM)	
		Materials Science and Engineering (MSE)	Same as Ph.D. in Materials Science and Engineering
		Mechanical and Aerospace Engineering (MAE)	Same as Ph.D. in Mechanical and Aerospace Engineering
	MAS	Manufacturing Engineering (Interdisciplinary) (MFGM)	
		Manufacturing Engineering via the Internet	
		Materials Science and Engineering (MSE)	Same as Ph.D. in Materials Science and Engineering
	CER	Mechanical and Aerospace Engineering (MAE)	Same as Ph.D. in Mechanical and Aerospace Engineering
		Computer Integrated Design and Manufacturing (CIDM)	
		Product Quality and Reliability Assurance (PQRA)	
Public Administration (PA)	M.P.A.	Public Administration (PA)	Public Works (PW); Nonprofit Management; Public Safety and Crisis Management
	M.P.A./J.D.	Public Administration and Juris Doctor (MPA/JD)—dual degree	
	M.P.A./M.B.A.	Public Administration and Business Administration (MPA/MBA)—dual degree	
	CER	Nonprofit Management (NPM)	
Public Safety and Crisis Management (PSCM)			
Technical Communication (HUM)	Ph.D.	Technical Communication (TECH)	Professional and Cultural Issues of Communication in Science, Technology, and Business
	M.S.	Information Architecture (IARC)	Web Design; Uses of Information Retrieval; Facilitating Knowledge Management
		Technical Communication and Information Design (TCID)	Usability; Print and Digital Design; Entrepreneurship
	CER	Instructional Design (TID)	Workplace Instruction; Technology-Assisted Learning
		International Technical Communication (ITC)	Globalization; Localization; Multiculturalism
		Technical Communication (TCOM)	Workplace Practices; Usability; Document Design; Editing
Workplace Ethics: Business, Engineering, and Government (EWB)		Professional and Organizational Codes; Ethics Training; Compliance Procedures; Assessment	

Application Requirements Checklist

We encourage you to apply online at www.grad.iit.edu/admission for the most expedient service. Applying online also allows you to pay your application fee by credit card. If you have any questions, please call toll free 866.GRAD.IIT (866.472.3448) or email gradinfo@iit.edu.

Ph.D. Applicants	M.S. Applicants	Professional Master's Applicants	Graduate Certificate/ Nondegree
<input type="checkbox"/> Official Transcripts	<input type="checkbox"/> Official Transcripts	<input type="checkbox"/> Official Transcripts	<input type="checkbox"/> Transcript (Copy is acceptable for initial review; official copies due by the 4th week of term)
<input type="checkbox"/> GRE scores	<input type="checkbox"/> GRE scores*	<input type="checkbox"/> GRE scores*	
<input type="checkbox"/> 3 letters of recommendation	<input type="checkbox"/> 2 letters of recommendation	<input type="checkbox"/> 2 letters of recommendation	
<input type="checkbox"/> Professional Statement	<input type="checkbox"/> Professional Statement	<input type="checkbox"/> Professional Statement	<input type="checkbox"/> \$40 application fee
<input type="checkbox"/> \$40 application fee	<input type="checkbox"/> \$40 application fee	<input type="checkbox"/> \$40 application fee	

*If required

Tips for Applicants

Please Do:

- Read all instructions thoroughly and respond to all questions. Make photocopies of all materials for your records.
- Provide your full name on all materials submitted.
- Notify the office if you have a changes of address or email address.

Please Do Not:

- Submit extraneous materials such as high school transcripts, abstracts, articles, or more than the required number of letters of recommendation.
- Assume any requirements will be waived without written approval or confirmation.
- Apply for more than one semester, academic unit, major, or degree on one application form.

Application Deadlines

	Fall 2006	Spr 2007	Sum 2007	Fall 2007	Spr 2008
Master's	Aug 7, 2006	Jan 5, 2007	May 15,2007	Aug 6, 2007	Jan 11, 2008
Ph.D.	May 1, 2006	Oct 15, 2006	April 15,2007	May 1, 2007	Oct 15, 2007
Financial Consideration*	Feb 15, 2006	Sept 1, 2006	N/A	Feb 15, 2007	Sept 1, 2007
Classes Begin	Aug 24, 2006	Jan 16, 2007	June 4, 2007	Aug 23, 2007	Jan 22, 2008

*For full-time M.S. and Ph.D. students interested in financial consideration for teaching and research assistantships and fellowships.

Return all forms to:

Office of Graduate Admission
Illinois Institute of Technology
10 West 33rd Street
Perlstein Hall 203
Chicago, IL 60616-3793 U.S.A.