ILLINOIS INSTITUTE OF TECHNOLOGY

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Academic Unit Descriptions

(Institutional Self-study, Preface and Overview, p. iv)

College of Architecture

The College of Architecture's programs of study emphasize investigations in architectural design and technology while expanding the significance of such investigations through rigorous, critical thought. The college draws strength from its heritage, its key position in the legacy of modernism, its location in Chicago, and it connections to progressive practitioners and emerging global architectural practices. Its students, faculty, and alumni are intellectually serious, professional, and international.

Architectural education at IIT offers unique combinations intertwining design and technology to produce advanced architecture. Our commitment includes the needs of our South Side Chicago neighborhood, our city, and its inhabitants. Our perspective is inclusive of architecture's allied disciplines and is committed to the highest quality in our students' professional preparation. Our mission relies on certain guiding values: design excellence, technical expertise, advanced professional practice, and respect for the architect in society today—as an ethical, thoughtful, and informed producer not only of buildings, but also of a visual and physical environment.

The college's tenets operate at all levels of the architectural studio curriculum, from beginning to the most advanced, introducing students to the entire scope of architectural endeavor. Supplementary core coursework gives a basis in visual studies, structures, building systems, professional practices, and planning and architectural history. Related elective courses and lecture series center on specific topics such as advanced construction technology, urbanism, computer applications, and architectural concepts of the 20th century and their intersection with modern culture.

The undergraduate five-year Bachelor of Architecture professional degree, which qualifies degree holders for licensure, provides foundation studios in visual studies, communications and presentation skills, the logic of construction, manipulation of space, craft techniques and comprehensive structural and building systems. Upper level architecture studios feature comprehensive

organization of architectural systems, mastery of spatial modeling, complex site and program issues, and large-scale projects.

At all levels of study, emphasis is placed on innovative architectural technology and form, the role architecture plays in the cultural construct as an agent of civic discourse, and the historic context for contemporary design.

The graduate programs offer professionally intensive experience in all facets of architectural thinking and inquiry, pursuing similar topic agendas as the undergraduate program but in a more concentrated number of years. Depending on their previous preparation, students spend between one to three and a half years to receive a Master's of Architecture, or M.Arch., the graduate professional degree enabling professional licensure in the United States. IIT is known for our high standards in master's thesis work, which results in significant contributions to building design. Our new Doctor of Architecture degree program, requiring at least three years of study beyond an M.Arch., advances knowledge through specific architectural research and doctoral dissertations. Current areas of study include hi-rise and long-span buildings, energy-conscious design, emerging urbanisms, housing, and advanced computer applications.

Degrees Offered:

- Bachelor of Architecture
  A five-year program leading to the first professional degree

- Master of Architecture
  The first professional degree—a three-year program for students with a degree in another field. Advanced standing is available for students holding a B.S. in architecture

- Master of Landscape Architecture
  A two to three year programs for students with a degree in another field

- Thesis Program
  A year-long program for students with a professional degree in architecture, which leads to a second professional degree

- Doctor of Philosophy in Architecture
  A unique program that focuses on training practicing architects to become leaders of innovations in their profession

Armour College of Engineering

The Armour College of Engineering traces its roots to Armour Institute, founded in 1892 to prepare students of all backgrounds for leadership roles—primarily as engineers—in a changing industrial society. More than a century later, the Armour College tradition of excellence in engineering education and research continues.

The mission of the IIT Armour College of Engineering is to

- provide state-of-the art education and research programs; educate a new breed of engineers with a strong fundamental knowledge of engineering principles, the capability to apply their knowledge to broad interdisciplinary areas, and an understanding and appreciation of the economic, environmental, and social forces that impact intellectual choices; and enhance Armour's reputation as an internationally recognized engineering school

- strengthen Armour's leadership role by focusing on the core research competencies and enhancing partnerships with industry, government laboratories, and academic and research institutions

Today, Armour College is home to 90 full-time faculty and more than 2,000 undergraduate and graduate students. The graduate and undergraduate degree programs are offered by five engineering departments:

- Biomedical Engineering
- Chemical and Environmental Engineering
- Civil and Architectural Engineering
- Electrical and Computer Engineering
- Mechanical, Materials, and Aerospace Engineering

Educational Programs

Armour College offers nine undergraduate bachelor's of science degree programs in aerospace, architectural, biomedical, chemical, civil, computer, electrical, mechanical engineering, and materials science and engineering. These programs are characterized by small class sizes and the opportunity for students to work directly with nationally and internationally prominent faculty who are conducting state-of-the-art engineering research.

Consistent with IIT's undergraduate educational objectives, a strategic goal of Armour College's undergraduate programs is to increase undergraduate involvement both in research and Interprofessional Projects (IPRO). A companion goal is to continue to enroll the high-caliber and accomplished students that characterize the undergraduate class.

Graduate degree programs offered among Armour's five engineering departments include 30 master's of science and professional master's degree options and eight doctoral programs.

Research

The challenge in engineering research is to discover new knowledge and apply it to the invention and development of new processes and products. Today, engineering research is being conducted on several levels—on a micro- and nano-scale with molecules and living cells, and on a macro-scale with processes and products. Meeting this challenge requires researchers who are able to combine efforts in several engineering and science fields. The Armour College mission includes expansion of cross-disciplinary research via our two research institutes, twelve research centers, and core research competency areas.

Armour faculty have achieved national and international recognition in several areas of research, including fluid dynamics and the National Diagnostic Facility, one of the nation's largest university wind tunnels fully dedicated to basic research; particle technology and fluidization, with faculty receiving four national research awards in this area during the past seven years; and energy and the environment, with significant research accomplishments in renewable energy, fuel cells, batteries, energy policy, rubber and polymer recycling, and power electronics and distribution.

Armour's core competencies include such cross-disciplinary areas as complex systems and dynamics, thermal processing technology, polymer science and engineering, computational fluid dynamics, cell and tissue engineering, image processing, neural engineering, dynamics and control, nano-particles, and crystallization and particle technology.

Faculty

Armour's distinguished faculty have authored numerous engineering texts, published thousands of research articles, and invented numerous technologies and products, including magnetic recording tape, more efficient fuel cells and batteries, a process for recycling tires and polymers, sophisticated medical imaging of brain activity patterns, modeling tools for hybrid electric vehicle optimization, and intra-cortical visual prosthetics for the blind. Since 2003, Armour faculty have published twelve books and received seven national professional engineering society awards, and five faculty were named fellow or honorary fellow of professional engineering societies. In 2004, Dr. Darsh Wasan, Motorola chair and professor of chemical engineering, was elected to the National Academy of Engineering.

Chicago-Kent College of Law

Chicago-Kent College of Law is a national leader in legal education, recognized for its scholarly excellence and for its commitment to being the “Law School Ahead of the Times.” Its faculty is one of the most productive groups of legal scholars in the country, publishing leading texts and articles across a wide array of subjects. Each year a select group of outstanding prospective law students is admitted to the Honors Scholars Program, which provides enrichment opportunities to broaden students’ perspectives on law and the legal profession and to cultivate their leadership skills.

The faculty consistently ranks among the top 35 in scholarly impact (mean and median cites per capita) in the Leiter Report Rankings. We have a target range of ten honors scholars. These high performing students had an average LSAT score of 168 (97%) and an average UGPA of 3.52 for the 2005–06 class.

Chicago-Kent is renowned for its curricular innovation. The Legal Research and Writing Program is among the most comprehensive legal writing curriculum in the nation. The law school is committed to providing interdisciplinary opportunities for legal education through its specialized programs in environmental and energy law, intellectual property law, international and comparative law, labor and employment law, and litigation and alternative dispute resolution, as well as through formal Interprofessional Projects with other academic units of IIT.

The Law Offices of Chicago-Kent pioneered the development of a sequential clinical curriculum and was the first fee-generating law clinic operated by an American law school. Chicago-Kent provides practical skills training through internships with the Law Offices and externships with law firms, corporate law departments, government and public interest agencies, and federal judges. Students in the law school’s championship-winning trial advocacy and moot court programs regularly win local, regional, and national competitions.

Chicago-Kent was the first law school in the country to use computer technology as an integral component of legal education, and the law school continues to provide national and international leadership in exploring the use of technology in law practice and the study of law. Chicago-Kent established the Center for Access to Justice and Technology to make justice more accessible to the public by promoting the use of the Internet in the teaching and practice of and public access to the law. The center conducts research, builds software tools, teaches classes, and supports faculty, staff, and student projects on access to justice and technology.

To address globalization issues relating to law, commerce, human rights and international security, Chicago-Kent’s Global Law and Policy Initiative provides a vehicle for policy-oriented inquiry and high-powered legal analysis, and serves as a forum for collaboration among academics, law students, business executives, government officials, labor leaders, and public interest advocates.

Chicago-Kent is a key partner in the Institute for Science, Law and Technology (ISLAT), a multidisciplinary policy and research institute that brings together skilled researchers from IIT's diverse academic units. The institute's focus is to anticipate social needs and push science, technology, and policy into new frontiers to create solutions that solve societal problems and meet commercial interests. ISLAT also houses the Institute for Biotechnology and the Human Future (IBHF). IBHF draws on scholars and leaders from diverse areas to assess the scientific benefits and risks of new developments in biotechnology and to analyze their social and ethical implications.

Chicago-Kent's Institute for Law and the Workplace is a national center for research, training, and dialogue on the law that governs the workplace. The institute pools the resources of leading scholars and the practicing professional community to educate students and professionals, monitor policies and trends, and address major issues in a neutral setting.

Chicago-Kent was founded in 1888 by two judges who believed that legal education should be available to working men and women, and the law school now offers both full- and part-time day and part-time evening instruction. Chicago-Kent was accredited by the American Bar Association in 1936, became a member of the Association of American Law Schools in 1951, and was elected unanimously to the Order of the Coif Law School Honor Society in 1988.

Degrees Offered

Juris Doctor (J.D.) with optional certificate programs in

- Environmental and Energy Law
- Intellectual Property Law
- International and Comparative Law
- Labor and Employment Law
- Litigation and Alternative Dispute Resolution
- Public Interest

Master of Laws (LL.M.)

- Taxation
- International and Comparative Law
- Financial Services
- International Intellectual Property
- Family Law

Dual-degree Programs

- J.D./LL.M. in Taxation Program
- J.D./M.B.A.
- J.D./M.S. in Environmental Management

- J.D./LL.M. in Financial Services Law
- J.D./M.S. in Financial Markets
- J.D./M.P.A. (Public Administration)
- J.D./M.P.H. (with the University of Illinois at Chicago)

Research/Centers

- Global Law and Policy Initiative
- Illinois Technology Center for Law and Public Interest
- Institute for Law and the Humanities
- Institute for Law and the Workplace
- Institute for Science, Technology, and the Law
- Institute for Biotechnology and the Human Future

College of Science and Letters

The College of Science and Letters (CSL) at Illinois Institute of Technology draws top students and faculty from all over the world for challenging studies with a pragmatic approach and the ability to work on real-world problems. Its history of excellence encompasses scholars such as Karl Menger, a great 20th century mathematician who taught here for 25 years, and Leon Lederman, a current physics faculty member, National Academy of Sciences member, and Nobel laureate for his work on neutrinos. Students attend small classes taught by professors, not graduate assistants, and participate in research as undergraduates—an opportunity not usually available in larger state schools.

IIT is a major research university, and many CSL professors are top researchers in their fields, addressing everything from understanding what prevents cancer cells from dying off to developing innovative ways to manage and use data. CSL's partnerships with nearby Argonne National Laboratory and Fermi National Accelerator Lab deeply enrich student experiences, as do research projects funded by the National Science Foundation, National Institutes of Health, Department of Defense, and others.

On campus experiences at the IIT Research Institute, Information Retrieval Laboratory, Digital Media Center, Center for the Study of Ethics in the Professions, and new Technology Park expand students' horizons, while world class scientists, researchers, and others come to students via the CSL Dean's Lecture Series and the Kilpatrick Lecture Series in Chemistry.

CSL emphasizes an interdisciplinary approach. Students compete in multi-disciplinary teams in Interprofessional Projects (IPROs) to solve problems in business, science, and technology. CSL continually updates programs to reflect today's needs. For example, with the explosion of interest in biology and the desire to link it to other fields, CSL has responded with majors such as molecular

biochemistry and biophysics. New programs such as journalism of technology, science, and business have extended the school's traditional focus on science and technology into new, in-demand fields.

Special opportunities include dual-admission programs in osteopathic medicine, pharmacy, and optometry; a pre-law program with law classes for undergraduates taught by law school professors; a research honors program for students in biology, chemistry, physics, or molecular biochemistry and biophysics; and a five-year financial markets and trading program. Students in any major can pursue Illinois certification to teach mathematics or science to 6th through 12th graders through the Secondary Science and Mathematics teaching certification program offered by the Department of Mathematics and Science Education.

The mission of the college is to

- deliver superior educational and research opportunities through B.S., M.S., and Ph.D. degree programs, as well as professional master's, certificate, and short-course programs
- provide responsive, appropriate service courses for students from other academic units at IIT
- engage in nationally and internationally recognized research and scholarship in biology, chemistry, computer science, mathematics and science education, humanities, mathematics, physics, and social sciences
- promote interdisciplinary and collaborative research among faculty and students within and outside of IIT and the college

The College of Science and Letters is a vital, dynamic college that serves more than 2,000 undergraduate students and nearly 1,000 graduate and professional students with faculty and staff in six departments:

- Applied Mathematics
- Biological, Chemical, and Physical Sciences
- Computer Science
- Humanities
- Mathematics and Science Education
- Social Sciences

Degrees Offered

- Applied Mathematics: B.S., M.S., Ph.D.
- Biology: B.S., professional master's, M.S., Ph.D.
- Chemistry: B.S., M.S., Ph.D., professional master's, graduate certificates,
- Physics: B.S., M.S., Ph.D., professional master's,
- Molecular Biochemistry and Biophysics: B.S., M.S., Ph.D.

- Computer Science: B.S., M.S., Ph.D., professional master's, graduate certificates; M.S. in Computer Science/Chemical Engineering
- Computer Information Systems: B.S.
- Mathematics and Science Education: M.S., Ph.D.
- Humanities: B.S in Humanities, Internet Communication, Journalism of Science, Technology and Business, Professional and Technical Communication, Graduate Certificates, M.S. in Technical Communication and Information Design, M.S. in Information Architecture**,** Ph.D. in Technical Communication
- Social Sciences: B.S., B.A., Master of Public Administration (M.P.A.), M.P.A.-J.D., M.B.A.-M.P.A.

Professional Master's Programs

- Analytical Chemistry
- Biology
- Computer Science
- Health Physics
- Chemistry in Materials and Chemical Synthesis
- Science Education
- Mathematics Education
- Mathematical Finance (joint with Stuart School of Business)

Research

CSL faculty members' research, known and published internationally, covers a range of topics, including genetically engineering bacteria for medical use; using X-ray diffraction to study muscle physiology; finding ways to synthesize natural and inorganic products; developing cancer drugs; developing "electronic noses" for environmental, military, and medical use; advancing synchrotron radiation science, high energy and accelerator physics, and superconductivity; innovating with scalable information retrieval systems spanning search and retrieval and communications issues; improving the way science and mathematics are taught to grade-school students; improving information architecture and communications; and more. Students have joined research projects at Chicago's two U.S. Department of Energy research labs—Argonne National Laboratory, and Fermi National Accelerator Lab—taking part in some of the nation's most exciting work with neutrinos and b-quarks and getting beam time on the advanced photon source, the world's brightest X-ray light source for probing the structure of matter.

Recent achievements:

- In the ACM International Collegiate Programming Contest, co-sponsored by IBM, IIT's team earned a spot in the World Finals—just one of 78

teams to do so out of 4,109 squads representing 1,582 universities from 71 countries. It's the second time in the last three years our school's team accomplished this.

- A 300-megahertz nuclear magnetic resonance spectrometer has been installed in the Life Sciences Building. This instrument provides students and faculty in the Biological, Chemical and Physical Sciences Department with state-of-the art technology for instruction and research in chemistry and biology.

- Leon Lederman, Nobel Laureate and Pritzker Professor of Physics at IIT, presented the lecture "Science Education's 'Quiet Crisis': A Scientist's Engagement" to kick off the American Physical Society's Division of Fluid Dynamics Annual Meeting. He continues to be a leading voice in the United States about the need to ensure there are enough trained scientists in the country.

- Ophir Frieder, IITRI Chair Professor of Computer Science and the Director of the Information Retrieval Laboratory, was named an Association for Computing Machinery fellow for his contributions to computing and information technology.

- Featured in world media from the *British Journal of Nature* to the Discovery Channel, Associate Professor of Biology and Physics Tom Irving is working with researchers from IIT, Caltech, and the University of Vermont on a study that explains how insects fly and may someday aid in understanding human heart function. He heads the Biophysics Collaborative Access Team (BioCAT), a research center at Argonne National Laboratory for the study of the structure and dynamics of partially ordered biological systems. BioCAT is funded in part by the National Institutes of Health.

- CSL alumni and Board of Overseers member Dr. Patricia Berg, who discovered that the gene BP1 is activated in 80% of breast cancer patients, highlighted her discovery and recent work for CSL students, faculty, and the public at the first CSL Dean's Distinguished Lecture.

- Science and Mathematics Education Professors Norm and Judy Lederman and their team, supported by a five-year National Science Foundation grant, brought 100 8th graders to campus this summer to explore the difference inquiry makes in the study of science.

- Faculty members include the editor of *Business Communication Quarterly*, the associate editor for *SIAM Journal on Numerical Analysis*, a physics professor who has received more than nine years of continuous funding from NIH for research at the National Center for Supercomputing

Applications, and the president the Council for Elementary Science International.

Institute of Design

The Institute of Design is a graduate school of design dedicated to humanizing technology and improving the process of innovation by developing and teaching a more methodological, human-centered approach to design. Human-centered design involves researching and understanding people as they use technology, finding opportunities for innovation, exploring possibilities quickly and effectively, and proposing compelling solutions that tie directly to user needs. The result is new concepts for products, communications and services that create meaningful value, both for their users and for the companies that make them.

The Innovation Gap

Companies' knowledge of how to create products, information, and services has grown tremendously in recent years. The increasing capabilities of technology and the development of new business models have exponentially increased the variety of offerings a company can create.

At the same time, executives have seen a decrease in their understanding of their customers' patterns of daily life. People have many more options for how to work, learn, play, manage family life, and keep healthy, making old methods of market research less reliable. Meanwhile, globalization of markets has only made the situation more complex.

This growing gap between companies' knowledge of how to create offerings and decreased understanding of the patterns of daily life has left executives uncertain of what their future offerings should be. The Institute of Design is helping to narrow this gap by developing and teaching new theories, methods and tools that increase executives' ability to plan what innovations should be created.

Mission

The Institute of Design has three goals:

1. Build User-Centered Design Methods

Continually build methods in four major areas of the design process:

- understanding users and situations
- identifying patterns
- exploring alternatives
- envisioning the future

2. Share Design Knowledge with the World

Extend these methods of user-centered problem-solving to all organizations that create products, communications, services, environments, or systems for human use

3. Prepare User-Centered Professionals

Provide advanced education for a new type of professional, one with the skills to lead the development of new technologies and systems that create meaningful value for users

History

Since its founding as the New Bauhaus in 1937, the Institute of Design has grown into the largest full-time graduate-only design program in the United States. The school offers professional Master of Design degrees in communication design, design planning, design research, or product design; a dual Master of Design/MBA degree program with the IIT Stuart School of Business; and the Master of Design Methods, a nine-month executive program in design methods for innovation. The Institute of Design created the country's first Ph.D. design program in 1991, helping pioneer the development of an international community of basic research in design methods.

Facts

- 82 Master of Design students in communication design, product design, design planning, and design research
- 24 Master of Design Methods students
- 11 Ph.D. students
- 11 full-time faculty positions
- 20 part-time faculty
- 50% of students enter with backgrounds in fields other than design, including architecture, business, engineering, law, psychology, and sociology
- 40% of students come from outside the U.S.
- 90% of students come from outside the Chicago area
- 27 is the average age of entering Master of Design students
- 36 is the average age of entering Master of Design Methods students
- Fall 2005 enrollment: 117

Degrees Offered

- Master of Design
- Master of Design Methods
- Doctor of Philosophy

Institute of Psychology

The Institute of Psychology was formed in 1995 in response to changes catalyzed by the recommendations to the National Commission for IIT. In the Commission report it was noted that “IIT has a special opportunity to integrate the strengths of its six professional units—engineering, law, architecture, design, business, and psychology—to create the best interprofessional, technologically based undergraduate college. This concept of interprofessional education is to be developed from the integration of math, science, engineering, and architecture—the drivers of economic growth—with law, design, business and psychology—the professional disciplines of corporate change, management and human interaction.”

Long recognized for its high quality graduate education, the transformation of the Department of Psychology to an institute is evidenced in the national ranking of two of its three graduate programs, its growing undergraduate program, the stature of its Board of Overseers, the strength of its fund raising efforts, and the expansion of the Center for Research and Service. All programs offer didactic, research, and applied experiences following the Boulder Model of Scientist/Practitioner Psychology Training.

Industrial/Organizational Psychology

The institute’s strength in industrial/organizational psychology provides an opportunity for national prominence in the training of quantitative psychologists with exemplary skills in human resources and organizational change management, both required in today’s complex work environments. The program was ranked 13th by the *Princeton Review* Gourman report.

Clinical Psychology

Among selective doctoral level accredited clinical training programs in the United States, the institute provides one of the best-cited examples of true scientist practitioner training. All clinical students provide as part of their training experience services at an agency that accommodates underserved populations. Admission to nationally accredited clinical programs like ours is more competitive than medical school.

Rehabilitation Psychology

Cited in *US News & World Report* as fifth in the nation for graduate programs in rehabilitation counseling, our program integrates psychological training with the needs of industry to respond to the mandates of the Americans with Disabilities Act. Graduates of this program are highly employable in this burgeoning field. This program is accredited by the Council of Rehabilitation Educators.

Undergraduate Psychology

Foremost among new initiatives is the development of undergraduate programs focused on psychology as a science, rather than a liberal art. Drawing on the quantitative strengths of faculty and graduate programs and IIT as a technological university, the undergraduate program is geared toward training students to work in nontraditional settings using their knowledge of human behavior in creative ways or to become scientifically oriented psychologists. Options include an accelerated BS/MS in Personnel and Human Resource Development or Rehabilitation Counseling. A 3+3 combined degree program that results in a B.S./J.D is also available to qualified students.

Degrees Offered

- Personnel and Human Resource Development (M.S., PHRD)
- Psychology (B.S., M.S.)
- Rehabilitation Counseling (M.S.)
- Psychology (Clinical, Rehabilitation, Industrial/Organizational: Ph.D.)

Research Centers

The Center for Research and Service is a fee for service business unit operated within the Institute of Psychology. The center integrates the rigor of the scientific method with the latest human resource research to advance individual and organizational effectiveness. Relying on the expertise of world-class faculty, the center is uniquely equipped to ensure leading edge results from performance improvement strategies designed to optimize business outcomes.

Center services include development and validation of selection devices, performance management systems, organizational development and change management, continuing education, climate surveys, executive coaching, and individual effectiveness skill development, as well as other human resource and organizational programs. The center supports the academic mission of the institute by providing students with opportunities to be involved in supervised professional practice that is compensated. It also provides faculty with in-house consulting opportunities.

The director of the Center for Research and Service also serves as the director of the innovative Leadership Academy for IIT undergraduates. The Leadership Academy offers all IIT undergraduate students opportunities for leadership development and is designed to groom a carefully selected group of high potential scholars.

Stuart School of Business

The Stuart School of Business is one of 36 AACSB-accredited business schools worldwide focused exclusively on graduate-level business education. Established in 1969 at IIT with a gift from Chicago financier Harold Leonard Stuart, the school offers a wide range of intellectually challenging business and management programs taught from a practical perspective with an emphasis on analytic skills and the relation between business and technology. Programs include three full-time and part-time M.B.A. programs, five industry-based master's programs, and the Ph.D. in management science.

In addition to their scholarly and teaching activities, faculty members consult on behalf of major national and international corporations. They have been called upon by local and federal government agencies including the Environmental Protection Agency, National Institute of Standards and Technology, Department of Housing and Urban Development, and the Department of Energy for their expertise. Most students are working professionals from Chicago's business and finance communities. International students make up approximately 40% of the student population and contribute a global perspective to classes and extra-curricular activities. Student resources include an Office of Career Services, which is available to current students and alumni; computer resources including more than 200 student workstations; an interactive computer-teaching lab featuring the latest industry software; and the Stuart Business Library.

The Stuart School of Business follows an academic calendar of quarters beginning in August, November, February, and May. Because a majority of Stuart students work full-time, most classes meet once a week in the evenings. Courses are also offered during the day and on weekends. All programs offer classes at the Downtown Campus. The part-time Fast-Track M.B.A. program is also offered at IIT's Daniel F. and Ada L. Rice Campus in Wheaton, 35 miles southwest of Chicago.

Degrees Offered

- Master of Business Administration
- Master of Mathematical Finance (with IIT's Department of Applied Mathematics)
- Master of Science in Environmental Management
- Master of Science in Finance
- Master of Science in Financial Markets
- Master of Science in Marketing Communication
- Doctor of Philosophy in Management Science

Dual-Degree Programs

- MBA/MDesign
- MBA/MS in Environmental Management
- MBA/MS in Finance
- MBA/MS in Financial Markets
- MBA/MS Marketing Communication
- MBA/Master of Public Administration (with the IIT Graduate program in Public Administration)
- JD/MBA and JD/MS in Environmental Management (with IIT's Chicago-Kent College of Law)

Certificate Programs

Graduate Management Certificates—available only to students who possess advanced degrees in business, finance, or management

Research Centers

The Center for Financial Markets provides a unique focus on four interrelated spheres of knowledge needed by any professional who works for a financial intermediary or other capital market institution: financial markets, trading, financial engineering, and information technology. The center supports Stuart's master's in financial markets program, offers related certificate programs online and onsite, promotes scholarship and linkages to Chicago's financial industry, and assists faculty and students with contributing actively to projects in electronic trading, risk management, and new derivative products development.

The Chicago Center for Sustainable Enterprise has as its mission "to identify, develop, communicate, and help implement practical and equitable business strategies that advance the ecological sustainability of the Chicago area, while fostering current and future economic viability." The center brings together many disciplines at IIT in a collaborative relationship with business corporations, other academic institutions, government agencies, and members of the NGO community.

Institute of Business and Interprofessional Studies

Part of the Stuart School of Business effective Fall 2006

The Institute of Business and Interprofessional Studies (IBIS) was formed in 2003 to bring together three university-wide interdisciplinary initiatives and to create an undergraduate degree in business that leverages these initiatives to provide a unique undergraduate experience. There are four components of the institute:

Department of Undergraduate Business

The department offers two business degree options—a Bachelor of Science in Business Administration and a Bachelor of Science in Business Administration and Applied Science. Both degrees provide a solid foundation in the areas of accounting, economics, finance, marketing, and management. The first degree offers concentrations in entrepreneurship, finance, and marketing; the second option provides industry-focused concentrations in chemistry, construction management, design, environmental management, information technology, and life sciences. Students in both programs also gain marketable credentials with hands-on participation in IIT's unique interdisciplinary programs.

Interprofessional Projects Program (IPRO)

This signature program allows students to work in small, multidisciplinary teams building their own management skills while tackling real-world problems. IPRO teams are made up of students from all over the university—sophomores to graduate students—from any of IIT's professional programs in engineering, science, business, law, psychology, design, and architecture. Interprofessional projects form part of IIT's general education program for undergraduates, as all undergraduate students must complete six credit hours of IPRO.

IIT Leadership Academy

This component enables students to improve their personal effectiveness and professional leadership skills. Through integrated exercises, workshops, seminars, inspirational speakers, and visiting business leaders, students learn about teamwork, professional responsibility, and working in diverse cultures—skills every leader needs.

Ed Kaplan Entrepreneurial Studies Program

This program helps students see how starting a company can be a real career option. Through this program, students experience the excitement that comes from conceiving, developing, and marketing a new product. The Entrepreneurial Project Program, or EnPRO, is a key part of the program in which students meet with entrepreneurs and actually develop a plan for starting up a new business venture. EnPRO teams can also enter a student-run business competition.