

ACADEMIC PROGRAMS

Graduate Degree Program Requirements (p. 1)

Incubator Programs (p. 4)

Accelerated Master's Program (AMP) (p. 5)

Dual Graduate Degrees (p. 5)

Co-Terminal Degree Programs (p. 6)

Graduate Certificate Programs (p. 6)

Graduate Degree Program Requirements

The university's Armour College of Engineering, Chicago-Kent College of Law, College of Architecture, College of Computing, Institute of Design, Lewis College of Science and Letters, and Stuart School of Business award graduate degrees. In many fields, students in master's programs may choose either a thesis track or non-thesis track program. These academic units also work together to offer a wide variety of joint- and dual-degree programs.

A list of all available graduate programs are listed below and in the Programs page of the catalog:

DOCTORAL DEGREES

- Applied Mathematics
- Architecture
- Architectural Engineering
- Biology
- Biomedical Engineering
- Chemical Engineering
- Chemistry
- Civil Engineering
- Clinical Psychology
- Computer Engineering
- Computer Science
- Design
- Electrical Engineering
- Environmental Engineering
- Finance
- Food Science and Nutrition
- Industrial-Organizational Psychology
- Information Technology
- Management Science and Analytics
- Materials Science and Engineering
- Mechanical and Aerospace Engineering
- Molecular Biochemistry and Biophysics
- Physics
- Psychology
- Rehabilitation Counseling Education
- Technology and Humanities

LAW DEGREES

- Juris Doctor (J.D.)
- Master of Laws (LL.M.)
- Master of Laws Global Business and Financial Law
- J.D./LL.M. in Family Law
- J.D./LL.M. in Financial Services Law (joint degree)

- J.D./LL.M. in Taxation (joint degree)
- J.D./M.B.A. (joint degree)
- J.D./M.P.A. (joint degree)
- J.D./M.S. in Environmental Management and Sustainability (joint degree)
- J.D./M.S. in Finance (joint degree)
- J.D./Master of Public Health (joint degree in cooperation with University of Illinois at Chicago)

MASTER OF SCIENCE DEGREES

- Advanced Manufacturing
- Analytical Chemistry
- Applied Cybersecurity and Digital Forensics
- Applied Mathematics
- Applied Physics
- Architectural Engineering
- Architecture
- Autonomous Systems and Robotics
- Biology
- Biology for the Health Professions
- Biomedical Data Science and Modeling
- Biomedical Engineering
- Chemical Engineering
- Chemistry
- Civil Engineering
- Clinical Counseling
- Clinical Counseling with Advanced Standing
- Computational Decision Sciences and Operations Research
- Computer Engineering
- Computer Engineering/Electrical Engineering (dual degree)
- Computer Science
- Economics and Data Analytics
- Electrical Engineering
- Environmental Engineering
- Finance
- Financial Economics
- Food Process Engineering
- Food Safety and Technology
- Industrial-Organizational Psychology
- Information Technology and Management
- Management Science and Analytics
- Marketing Analytics
- Materials Science and Engineering
- Mechanical and Aerospace Engineering
- Medical Devices and Biomaterials
- Molecular Biochemistry and Biophysics
- Nutrition Science
- People Analytics
- Physics
- Project Management
- Psychology
- Rehabilitation and Mental Health Counseling with Advanced Standing
- Sensor Science and Technology
- Sustainability Analytics and Management
- Technical Communication and Information Architecture

- Technological Entrepreneurship
- Technology and Humanities

PROFESSIONAL MASTER'S DEGREES

- Advanced Manufacturing (M.E.)
- Applied Mathematics
- Architecture
- Architecture/Landscape Architecture (dual degree)
- Architectural Engineering (M.E.)
- Artificial Intelligence
- Artificial Intelligence for Computer Vision and Control (M.E.)
- Biological Engineering
- Biomedical Engineering (M.E.)
- Biomedical Imaging and Signals
- Business Administration (M.B.A.)
- Business Administration: Business Analytics
- Business Administration: Coursera
- Business Administration: Quantitative Finance
- Business Administration/Design (dual degree)
- Business Administration/M.S. in Environmental Management and Sustainability (dual degree)
- Business Administration/M.S. in Finance (dual degree)
- Business Administration/M.S. in Marketing Analytics (dual degree)
- Business Administration/Public Administration (dual degree)
- Chemical Engineering
- Computational Engineering
- Computer Engineering in Internet of Things
- Computer Science
- Construction Engineering and Management (M.E.)
- Cyber Forensics and Security
- Cyber Security Engineering
- Cybersecurity
- Data Science
- Data Science: Coursera
- Design
- Design Methods
- Design/Public Administration (dual degree)
- Electrical and Computer Engineering
- Electricity Markets
- Energy Systems (M.E.)
- Engineering Management
- Environmental Engineering (M.E.)
- Financial Technology
- Food Process Engineering
- Food Safety and Technology
- Health Physics
- High Performance Buildings
- Industrial Technology and Operations
- Information Technology
- Information Technology and Management
- Landscape Architecture
- Management
- Manufacturing Engineering (M.E.)
- Materials Chemistry

- Materials Science and Engineering (M.E.)
- Mechanical and Aerospace Engineering (M.E.)
- Network Engineering
- Pharmaceutical Engineering
- Power Engineering
- Public Administration (M.P.A.)
- Public Administration: Analytics
- Public Works (M.P.W.)
- Structural Engineering (M.E.)
- Tall Buildings and Vertical Urbanism
- Technological Entrepreneurship
- Telecommunications and Software Engineering
- Transportation Engineering (M.E.)
- Urban Systems Engineering (M.E.)
- VLSI and Microelectronics
- Wireless Communications and Computer Networks

Incubator Programs

Incubator programs are new state-of-the-art degree programs. They combine more than one discipline in their composition (see below). They are developed with best practices in mind so that students have multiple options, including changing majors to another discipline that the incubator program allows them to experience and gain credits towards. If an initially offered incubator program is not permanently adopted by the faculty, students will be able to complete their studies in the original program or change majors.

Incubator Programs contain the core of two current majors being offered for the purpose of maintaining existing courses and keeping the development of new courses to an absolute minimum. This would include the core of the curriculum and maintain a 'module' of free electives. There will be multiple points of curricular integration, inclusive of early in the program by design but also at different stages of the program. Some courses would, in particular, act as points of intersection between the disciplines, inclusive of practicum, experience-based, research, and entrepreneurial approaches. To help meet our learning objectives and intended contribution to a multidisciplinary program, no more than two courses may count for both disciplines in the combined major's program.

The (temporary programs under the) incubator maintains faculty and administrative oversight, simplifying the process of offering new programs. It follows the CIM process for "Not Significant" changes, even as new programs will need to be properly reported to our accrediting bodies:

1. A norm of 30 credits.
2. Setting up modules consisting of the following; discipline topic 1, discipline topic 2 and free electives may be considered as a structure.
3. A question will arise of what balance to strike. The incubator approach will instruct us as an institution on the right 'formula' for student success.
4. All new programs will undergo appropriate regulatory processes, including required accreditation review and submission, both on initial approval, and if sunset without transitioning out of the incubator to regular status, upon decommissioning
5. Program proposed, developed (including a minimal outline of an assessment program, with a specific designated assessment coordinator responsible for annual reports), and approved within the Academic Unit with Academic Dean approval.
6. Proposed, discussed, and approved at appropriate studies committee.
7. Proposed, discussed, and approved by the UFC.
8. Accepted by Provost and President.

Under the incubator, Academic Units are authorized to develop these combined programs under the leadership of their academic deans. Before being formally offered in our catalog, they will need to be referred to the studies committee and the university faculty council for approval. However, this proposal provides temporary authorization by the faculty and the Board of Trustees, for the offering of these programs for the next two academic years before requiring final and permanent approval by the faculty and the board of trustees. Incubator programs that are not formally adopted as permanent programs or renewed by the joint governance will be automatically eliminated under the rules of the incubator (with appropriate reporting and teach-out).

Accelerated Master's Program (AMP)

There are four paths to the completion of an accelerated master's degree at Illinois Tech:

1. Co-terminal paired bachelor's and master's programs completed concurrently (see more information in the Co-Terminal Degree Programs section (p. 6))
 - a. These programs have been pre-selected for pairing between the same academic discipline of undergraduate study or a different discipline.
 - b. Graduate co-terminal admission is required when a student reaches a minimum of 60 earned or in-progress credit hours (see more information in the Synopsis of Co-Terminal Studies section).
 - c. The student must submit a declaration of shared and non-shared courses (explicitly for graduate use) in the first semester of co-terminal enrollment.
2. Co-terminal unpaired bachelor's and master's programs completed concurrently
 - a. These programs are not a pre-selected pair.
 - b. The student must have advance approval from both the undergraduate and graduate academic units for the program of interest, including the intended shared courses.
 - i. The approval process is called a Declaration of Intent and may be filed after the first semester of undergraduate enrollment.
 - ii. Selected shared courses must explicitly satisfy the approved graduate curriculum without course substitution.
 - c. Subsequent admission to the master's program of interest is required.
 - d. The student must submit a declaration of shared and non-shared courses (explicitly for graduate use) in the first semester of co-terminal enrollment.
3. Post-baccalaureate master's program (Illinois Tech alums only)
 - a. A master's program that has explicit course requirements, of which the student has fulfilled some shared courses during the completion of an Illinois Tech bachelor's degree.
 - b. The bachelors will be earned no earlier than three years prior to the first term of master's enrollment.
 - i. Up to nine credit hours of relevant coursework may be shared between the two degrees.
 - ii. Consideration of course substitution is at the discretion of the graduate academic unit.
4. Dual degree program with an Illinois Tech partner institution
 - a. Two concurrent master's degree programs, with prior agreement for specific programs between Illinois Tech and a selected partner institution.
 - b. The number of applicable shared credits is determined by the terms of the partnership agreement, but may not exceed nine credit hours. In most cases six credit hours are allowed.
 - c. Consideration of course substitution is at the discretion of the graduate academic unit.

Dual Graduate Degrees

Depending upon interest, capabilities, and goals, and with the permission of their advisors and academic unit heads, students may choose dual (joint) graduate degree programs with up to 9 shared credits, or select one of the options listed below:

Master of Business Administration/Master of Law

Master of Business Administration/Master of Science in Industrial-Organizational Psychology

Master of Business (Business Analytics)/Master of Law

Master of Design/Master of Public Administration

Master of Laws/Master of Business Administration

Master of Management/Master of Computer Science

Master of Management/Master of Information Technology and Management

Master of Management/Master of Science in Computer Science

Master of Management/Master of Science in Industrial-Organizational Psychology

Master of Public Administration/Master of Science in Sustainability Analytics and Management.

Co-Terminal Degree Programs

Co-terminal degrees provide an opportunity for students to gain greater knowledge in specialized areas while completing a smaller number of credit hours with increased scheduling flexibility than the completion of two degrees separately. Because most co-terminal degrees allow students to share course credit (a maximum of nine credit hours), students may complete both a bachelor's and master's degree in as few as five years. Up to a combined total of nine applicable credit hours earned prior to matriculation into an Illinois Institute of Technology graduate degree program, subject to the graduate studies rules and restrictions, may be considered for 1) external transfer credit for graduate transfer credit use; 2) internal transfer credit from an Illinois Institute of Technology undergraduate program; and/or 3) shared co-terminal program credit. More information regarding this policy is available in the Transfer Credit section of the Graduate Catalog.

All co-terminal degree requirements must be completed within six years of undergraduate matriculation, or the student will be dismissed from the co-terminal degree program. A student who is placed on undergraduate academic probation may be dismissed from the co-terminal program pending review.

Co-terminal students maintain their undergraduate student status while completing graduate coursework, and can maintain financial aid eligibility when applicable.

Students may work with advisers to identify alternate bachelor's and master's degree pairings, pending the approval of the prospective graduate program and the student's undergraduate program. More information is available in the Co-Terminal Advising section of this catalog and on the Co-terminal website.

Graduate Certificate Programs

Designed to provide knowledge in a specialized area within an academic discipline, these programs typically consist of 9-12 credit hours of coursework that might otherwise be applicable to a master's degree.

Students who successfully complete graduate certificate programs and who subsequently are admitted to a master's degree program at the university may apply all approved coursework taken in the certificate program and passed with a grade of "B" or better toward the master's degree. Admission to a certificate program does not guarantee future admission to a degree program.

With a few exceptions, Illinois Institute of Technology's graduate certificate programs are eligible for the Gainful Employment Programs. For a complete list of eligible certificates, see iit.edu/grad_adm.

The same credits earned for a degree program may be applied to a certificate program in the same discipline, provided that the application for the certificate is made before the final semester of study for the degree program. Students enrolled in a degree program may apply a max of 9 credits towards a certificate outside the academic unit of the degree program.

There is a limit of one concurrent certificate per student in a degree program unless that program has authorized such certificate stacking. The application to earn a certificate must be submitted before the last semester of the degree. Please see the Graduate Admissions Office specific application deadlines for a certificate.

For a list of all available certificates, please see the Programs page of the catalog.