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ILLINOIS TECH

CONTENTS

- About Illinois Tech – Illinois Tech alumni innovations/inventions
- Academic departments, Double Degree and Short-term research scholar programs
- Transfer of credit
- Cost & Partial merit scholarship
- Research project
- Questions

ILLINOIS TECH

STATS AT ILLINOIS TECH

- Undergraduates: 3,316 (Fall 2023 stats) students
- Graduates: 5,247 (Fall 2023 stats) students
- Career Placement rate: 90.5%

Our Rankings

ILLINOIS TECH

THE WALL STREET JOURNAL.
AMERICA'S BEST COLLEGES 2024
IN COOPERATION WITH COLLEGE PULSE AND statista

BEST COLLEGES
U.S.News & WORLD REPORT
NATIONAL UNIVERSITIES RANKINGS

The New York Times

#1

Best College in Chicago and

#23 in America

- *Wall Street Journal/College Pulse*

#98

Best National School and

#29 Best Value School

- *U.S. News and World Report*

#35

The Top U.S. Colleges With the Greatest Economic Diversity

- *The New York Times*

#3 In the Nation for Overall Upward Mobility Among Highly Selective Private Colleges

- *Opportunity Insights*

ILLINOIS TECH

Notable Illinois Tech alumni

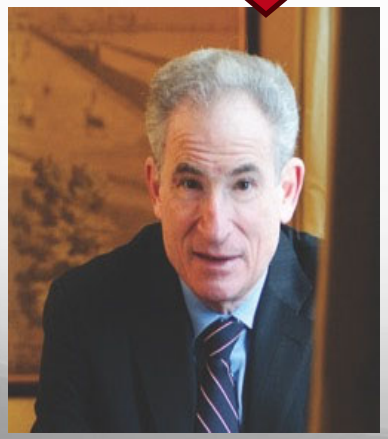
ILLINOIS TECH

Illinois Tech's innovations/discoveries/creations

Marty Cooper -Inventor of the cell phone 1972-73

Rohit Prasad – Head Scientist behind the creation of Alexa

Ed Kaplan – Bar code printer technology pioneer -



"The way I think about Alexa is the way AI is revolutionizing daily convenience."

– Rohit Prasad
(M.S. EE 1999)

"The fundamentals I learned at Illinois Tech have been my guiding light in everything I have done."

– Martin Cooper
(B.S. EE 1950; M.S. EE 1957)

ILLINOIS TECH

In the News

Jack Dongarra (Illinois Tech alum – MS CS 1972) winner of the ACM (Association for Computing Machinery) **Turing Award 2021**

Jin-Ho Lee (Illinois Tech alum- MS/Phd CS) new Chief Technology Officer -2023 at Carrot General insurance –one of S.Korea's largest digital insurance companies

ONE OF THE NATION'S FIRST JOINT UNIVERSITY AND INDUSTRY ACADEMIES - Creation with company DMG MORI a **national center** for **advanced manufacturing** to train, develop and empower advanced manufacturing workforces of the future

DMG MORI is a worldwide leading manufacturer of high-precision machine tools and sustainable technologies that are at the center of global value chains."https://en.dmgmori.com

ILLINOIS TECH

ATHLETICS

Men's

Baseball
Basketball
Cross Country
Lacrosse
Soccer
Swimming and Diving
Tennis
Track and Field
Volleyball

Women's

Basketball
Cross Country
Lacrosse
Soccer
Swimming and Diving
Tennis
Track and Field
Volleyball

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Illinois Tech Partners around the world

Afghanistan	American University of Afghanistan
Australia	Queensland University of Technology
France	15+ Grandes Ecoles (e.g. Grenoble INP, ENSEA, ENAC..)
India	BIT Mesra, NITT, Amita University….
Lithuania	ISM School of Management
Spain	7 universities (UPM, UPC, Comillas, UPValencia, UPVasco, IEU, USeville)
Sri Lanka	NSBM Green University
Sweden	KTH – Royal Institute of Technology
United Kingdom	University of Birmingham ……. And MORE

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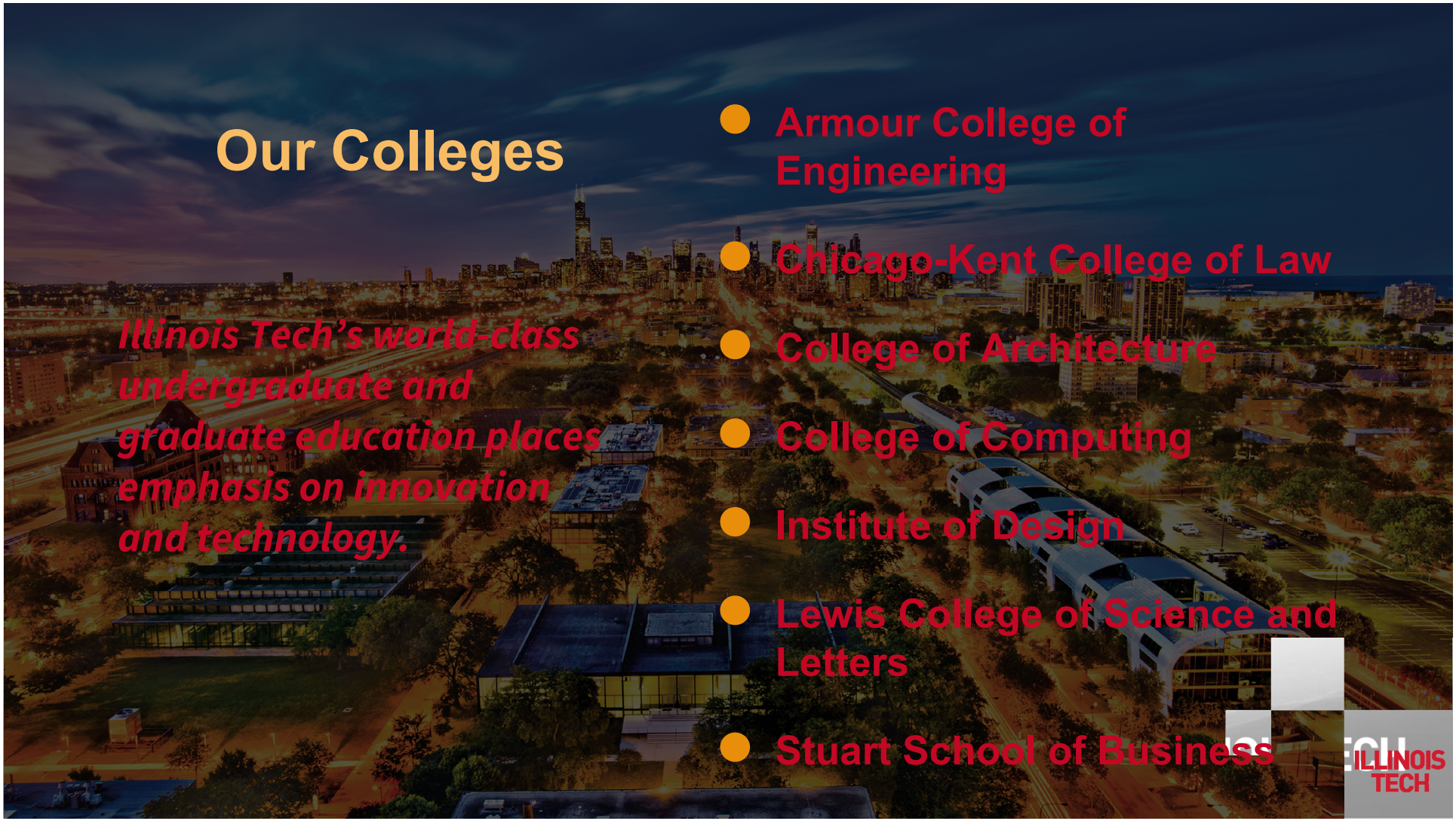
Our Colleges
Illinois Tech's world-class undergraduate and graduate education places emphasis on innovation and technology.
Armour College of Engineering
Chicago-Kent College of Law
College of Architecture
College of Computing
Institute of Design
Lewis College of Science and Letters
Stuart School of Business
ILLINOIS TECH

Departments at Illinois Tech (Master's level)

ARMOUR COLLEGE OF ENGINEERING

Department of Civil, Architectural and Environmental Engineering – www.iit.edu/caee
Department of Electrical and Computer Engineering - www.iit.edu/ece
Department of Biomedical Engineering - www.iit.edu/bme
Department of Industrial Technology and Management – www.iit.edu/intm
Department of Chemical and Biological Engineering – www.iit.edu/chbe
Department of Mechanical, Materials and Aerospace Engineering – www.iit.edu/mmae

COLLEGE OF COMPUTING

Department of Computer Science – www.iit.edu/computer-science
Department of Applied Mathematics – www.iit.edu/applied-mathematics
Department of Information Technology and Management – www.iit.edu/itm

LEWIS COLLEGE OF SCIENCE & LETTERS

Department of Physics – www.iit.edu/physics
Department of Chemistry – www.iit.edu/chemistry
Department of Biology – www.iit.edu/biology
Department of Food Science and Nutrition – www.iit.edu/fdsn
Department of Psychology – www.iit.edu/psychology

STUART SCHOOL OF BUSINESS - www.stuart.iit.edu
Programs>Master's degree programs>Graduate

ILLINOIS TECH

Why study at Illinois Tech?

- Illinois Tech is the **only tech focused university** in Chicago
- **Chicago** is the 3rd largest city in the U.S, opportunities for networking and jobs aplenty – home to more than 30 Fortune 500 companies
- **Argonne National Laboratory and Fermilab** – world famous laboratories – are located within an hour of Illinois Tech
- Possible to complete certain Master's degree program of 30/32/33 credits in **1 year (12 months)** at IIT in **ANY FIELD WITH APPROVAL FROM HOME INSTITUTION AND TRANSFER OF UPTO 6 CREDITS FOR ENGR/SC/TECH programs or UPTO 9 CREDITS FOR STUART SCHOOL OF BUSINESS STEM-DESIGNATED PROGRAMS HAS BEEN APPROVED BY IIT (Only applies to the 1+1 Master's degree program)**
- **Tuition is the same** for all students regardless of field of study **Engineering/Tech/Sc/Business**
- **No quotas** at the Master's degree level **– Illinois Tech Partner Alliance scholarship – 9 credits for the 1 –year Master for Engineering/Technology/Science/Business fields**
- **F1 visa** allows students to work for 1 year in the U.S. in their field of study or 3 years if the program has been designated as STEM (degree-seeking students)

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Master's Degree Program

What are the types of Master's degree program at IIT?
M.S. (Master of Science): MAS (Professional Master's): M.Eng. (Master of Engineering)

Are they all accepted in the work place? YES

How many credits are in different Master's degree programs? 30 credits or 32 credits of 33 credits on average

What is the ECTS credit equivalency to the U.S. credit system? 1 U.S. credit = 2 ECTS

Which Master's degree and program fields are applicable? All – as long as the home institution approves of the Master's degree and field chosen

What is the meaning of program fields? Examples – electrical engineering, or power engineering, Food Science, Biology, Psychology, etc. Degree programs offered are per field of study

Can one take any course from any department in a Master's degree program? No
All Master degree programs comprise core courses and a certain number of electives that a student must complete related to his/her field of study. A couple of elective courses from another department may be possible with prior approval from the student's IIT academic adviser

Career Opportunities & a quick google search (unscientific) of average annual salaries in the U.S. per job title

Computational Fluid Dynamics Analyst – 94K
Core Algorithm developer – 88K
Senior Machine Learning optimization engineer – 100K
Computer Vision Software developer – 83K
Energy Efficiency specialist – 66K
Transmission Engineer – 100K
Transmission and Distribution line engineer -97K
New Product Development Engineer – 100K
Product Engineering designer – 95K
Advanced Manufacturer Engineer – 81K
Image Processing Engineer – 100K
Automation Control Systems Engineer – 85K
Senior Automation controls Engineer – 99K
Systems Energy Engineer – 100K
Senior Energy Engineer – 93K ……;;

A few examples of Master degree programs at IIT

M.Eng Energy Systems, Energy Conservation & Buildings Track
M.A.S. Pharmaceutical Engineering
M.Eng Artificial Intelligence for Computer Vision & Control
M.Eng Computer Engineering in IoT
M.A. S Cybersecurity Engineering
M.Eng Manufacturing Engineering
M.Eng. Biomedical Engineering
M.S. Biomedical Modeling and Data Science
M.S. Medical Devices and Biomaterials
M.S. Electrical Engineering or Computer Engineering
M.S. Biology with specializations in Microbiology or Biochemistry, Cell & Molecular Biology, or Computational Genomics
M.S. Psychology
M.S. Rehabilitation and Mental Health Counseling
M.A.S Food Process Engineering
M.S. Nutrition Science
M.A.S. Food Safety and Technology……. LEARN MORE ….

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INTERDISCIPLINARY PROGRAMS @ILLINOIS TECH

M.Eng – Computational Engineering – Biomedicine Track (BME dept.)

M.Eng – Energy Systems, Energy Transmission & Markets track (ECE dept)

M.Eng – Energy Systems, Energy Conservation & Buildings track ((CAEE dept.)

M.Eng – Energy Systems, Energy Generation & Sustainability Track (MMAE dept.)

M.Eng – Energy Management, Project Management track (CAEE dept.)

M.Eng – Engineering Management – Product Design & Development Track (MMAE Dept)

M.Eng – Advanced Manufacturing, Automations Systems and Control Track (ECE dept.)

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EXAMPLES OF FIELDS OF STUDY AND CAREER PATHS

M.S. Autonomous Systems & Robotics – Career Path – Control systems engineer, Autonomous systems engineer, robotics engineer, interface developer, navigation & guidance systems engineer -
Median Salary – **Robotics Engineer** – 105K – skills required – Python, CS, Robotics, Communications, Automation

M.Eng Manufacturing Engineering – Career Path –**Mechatronics Engineer**
Median Salary – 105K – skills required –Troubleshooting, Problem solving – SolidWorks (CAD), Mechanical engineering, Mechatronics, Communications

M.Eng Materials Science Engineering – Career Path – **Materials Scientists**
Median Salary – 99K – skills required –Communications, Chemical engineering, Materials Science, Research, chemistry

M.Eng Mechanical & Aerospace Engineering – Career Path **– Aerospace Engineer**
Median Salary -118K – skills required – mechanical engineering, management, aerospace Engineering, communications, systems

M.Eng AI, Computer Vision & control – Career Path – AI engineer, Computer vision Engineer, **Computer Information Systems engineer**
Median Salary – 153K – skills required –operations, planning, leadership, communications, management

M.A.S. Cybersecurity Engineering – Career Path –**Data Warehousing Specialist** –
Median Salary – 120K – skills required –Communications, management, leadership, Data Management, Operations….

LEARN MORE……

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Master of Science in Autonomous Systems and Robotics (Coursework Only Option)

Minimum Credits Required	32
Maximum 400-Level Credit	9
Maximum 700-Level Credit	6

Required Courses		**(9)**
MMAE 501	Engineering Analysis I	3
MMAE 541	Advanced Dynamics	3
MMAE 543	Modern Control Systems	3
Autonomous Systems and Robotics (ASR) Electives		**(23)**
Select 23 credit hours from the following:		23
MMAE 410	Aircraft Flight Mechanics	3
MMAE 411	Spacecraft Dynamics	3
MMAE 443	Systems Analysis and Control	3
MMAE 445	Computer-Aided Design and Manufacturing	3
MMAE 453	Electrified Vehicle Powertrains	3
MMAE 500	Data Driven Modeling	3
MMAE 502	Engineering Analysis II	3
MMAE 539		3
MMAE 540	Robotics	3
MMAE 545	Advanced CAD/CAM	3
MMAE 549	Optimal Control	3
MMAE 550	Optimal State Estimation	3
MMAE 552	Introduction to the Space Environment	3
MMAE 555	Introduction to Navigation Systems	3
MMAE 594	Project for Master of Engineering Students	1-3
MMAE 597	Special Topics	1-3
ECE 505	Applied Optimization for Engineers	3
ECE 565	Computer Vision and Image Processing	3
ECE 566	Machine and Deep Learning	3
ECE 567	Statistical Signal Processing	3
CS 557	Cyber-Physical Systems Security and Design	3
CS 584	Machine Learning	3
MATH 484	Regression	3
MATH 545	Stochastic Partial Differential Equations	3
MATH 554	Modern Methods in Discrete Applied Mathematics	3
MATH 564	Regression	3
MATH 574	Bayesian Computational Statistics	3
Total Credit Hours		**32**

ILLINOIS TECH

STUART SCHOOL OF BUSINESS PROGRAMS

S.T.E.M. Designated programs

M.S. Finance
M.S. Financial Economics
M.S. Management Science and Analytics
M.S. Marketing Analytics
M.S. Technological Entrepreneurship
M.S. Project Management
M.S. Sustainability Analytics and Management

- Eligible for up to 3-course transfer credit for SSB programs

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PROGRAM OPTIONS FOR UPC STUDENTS

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I. 1+1 Master's program
II. Short-term Research Scholar

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I. 1+1 Master's degree program (Double Degree)

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1+1 Master's program- Double Degree

Preselection (only preselected students may apply)

Completion (Illinois Tech Graduate International application online)

Official English proficiency score report (to be ordered and sent by the testing organization directly to Illinois Tech(TOEFL ibt - not home edition: 80 overall and 20 in all bands **Or** IELTS - not home edition: 6.5 overall and 6.0 in all bands)

Certified transcripts in English and in Spanish

Final decision made by Illinois Tech

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PREQUISITES - COMPUTER SCIENCE

Applicants who do not have a bachelor's degree in Computer Science must meet the following fundamental undergraduate coursework requirements to be admitted to the Master of Science in Computer Science, Master of Computer Science, Master of Artificial Intelligence, and Master of Cybersecurity degree programs:

CS 201: Accelerated Introduction to CS (or **CS 115** and **CS 116: Object-Oriented Programming I and II**)

CS 330: Discrete Structures

CS 331: Data Structures and Algorithms

CS 350: Computer Organization and Assembly Language Programming

CS 351: Systems Programming

Calculus (one course)

Pre-requisites must be passed with a B grade or better. This grade is also required before a course can serve as a prereq for another course

Knowledge of any high-level programming language, such as C or Java, can be substituted for knowledge of C++.Should you require fundamental coursework, you may be admitted under the condition that you must take the courses above or the accelerated course equivalents **CS 401 (Introduction to Advanced Studies I)** and **CS 402 (Introduction to Advanced Studies II)** at Illinois Tech. The CS 201/401 Placement Exam is used to determine whether CS 201 must be taken before taking CS 401.

If you feel that your industry experience or previous studies are equivalent to CS 401 and/or CS 402, you can take and pass a CS 401 or 402 Proficiency Exam during your first semester at Illinois Tech.

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PREQUISITES – AEROSPACE ENGINEERING

Students interested in Aerospace Engineering but do not have the course background, are recommended to successfully complete and pass (6.5 out of 10) the below courses prior to applying to our MAE program.

MMAE 410 (Aircraft Flight Mechanics)- prerequisites are a course on control and a course on aerodynamics

MMAE 411 (Spacecraft Dynamics)-prerequisites are a course on control, a course on dynamics and a course on differential equations

MMAE 412 (Spacecraft Design I) -prerequisite is 411

MMAE 414 (Aircraft Design I) -prerequisites are a course on advanced mechanics, a course on aerodynamics, a course on aerospace propulsion, and MMAE 410

Course descriptions - https://catalog.iit.edu/undergraduate/courses/mmae/

However, if interested in the M.Eng in MAE – not necessary to take the above courses – different options are available

PREREQUISITES

For any Master degree applicant, the Computer Science department requires proof of successful completion (3.0 on a 4.0 scale) of the following pre-requisites:

CS 201 – Accelerated Introduction to Computer Science (4 US Credits): CS 401 – Introduction to Advanced Studies 1 (3 US Credits) and CS 402 – Introduction to Advanced Studies II (3 US credits) and CS 430 (Introduction to Algorithms)

For the MSCS, MCS and Master of AI programs: Successful completion (3.0 on a 4.0 scale) of CS 450 is highly recommended. Additionally successful completion of CS 330 Discrete Structures: CS 331 – Data Structures & Algorithms: CS 350 – Computer Org. & Assembly Lang Programming: CS 351 – Systems Programming and Calculus and knowledge of a high-level programming course such as C or Java may be substituted for C++
http://bulletin.iit.edu/undergraduate/courses/cs/
https://science.iit.edu/computer-science/programs/graduate/graduate-program-resources/prerequisite-undergraduate-coursework
During the application process, the courses passed and corresponding to CS 201, 401 and 402 may be indicated separately and uploaded with the transcript

For any **Master degree applicant to the DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING** proof of successful completion of the following courses are required: Probability & Statistics – Math 474 (3 US credits) and Signals and Systems – ECE 308 (3 US credits)
http://bulletin.iit.edu/undergraduate/courses/ece/
http://bulletin.iit.edu/undergraduate/colleges/computing/applied-mathematics/#coursestext

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TRANSFER OF CREDIT

What is transfer of credit or credit transfer?
Course successfully completed (3.0 on a 4.0 scale) at the **Master's level** at the home institution that may be compatible in number of hours and content. Only such courses may be submitted for transfer credit evaluation. 1 U.S. Credit = 2 ECTS

Is it a guarantee that the courses for submitted for transfer of credit will be approved?
NO – courses are evaluated on a case-by-case basis and may or may not be approved.

How many courses can be submitted for transfer of credit?
Up to 6 U.S. credits (about 2 courses @ 3 U.S. credits each) or, if pursuing a Master's degree offered by the Stuart School of Business – up to 9 U.S. credits (about 3 courses @ 3 U.S.credits each)

What if one or all of the courses submitted for transfer credit is/are not approved?
The student will have to register and pay for those courses at IIT, and this could delay graduating on time. The scholarship will **NOT** apply.

What if the 6 credits (Eng/Tech/Sc) or 9 credits (SSB & Applied Math) are approved for transfer credit?
The student will not need to retake those courses as part of their degree program. This will reduce the credit load (if a Master's program of 30 credits) to 24 credits (30 – 6)

EXAMPLE -TRANSFER OF CREDIT

M.S. Computer Engineering
Specializations: Computer Hardware Design
Computer Systems Software
Network and Telecommunications

If Computer Hardware Design is the specialization:
Choose from among the electives - https://catalog.iit.edu/graduate/colleges/engineering/ece/msce/#CPE_areas_of_conc

You find that you may have completed

- ✓ **At the Master's level**
- ✓ **Obtained a 6.5 out of 10 for each of those course equivalents**
- ✓ **Content is similar**
- ✓ **Number of hours is similar**
- ✓ **Have chosen Elective courses in the M.S. in Computer Engineering program at IIT**

ECE 430 – Fundamentals of Semiconductors (3 U.S. credits)
ECE 424 – Analysis & design of Integrated Circuits (3 U.S. credits)

RESULT: IF APPROVED, you will NOT need to repeat those two courses at IIT.
It will therefore REDUCE the total number of credits of the 32 credit-hour Master's to (32 – 6 credits) 26 credits

Research project option with the Master's degree program

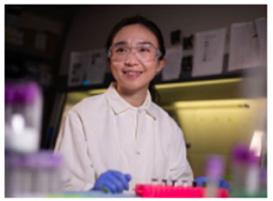
- Number of credits assigned by the IIT department by substituting one or a maximum of 2 elective courses (3 credits or up to 6 credits maximum depending on course elective substitution and program)
- Course number – xxx597 (if a letter grade is required)
- Credits SHOULD BE spread out over the year including the summer if necessary
- Number of hours required by the home institution has NO RELATION to the credit hours IIT awards
- Work expectations and outcomes for the project
- Project may be presented in front of a committee if required by the home institution
- A research paper/Guidelines per the home institution may be required
- Evaluation form may be required by the home institution

Research

Cutting-Edge Research at Illinois Tech

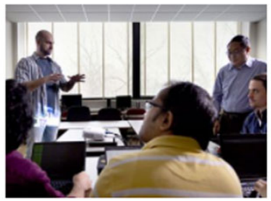
Taking a Fresh Look at the Formation of Bone →

An investigative team that includes Professor Joseph Orgel has found channels within the molecular organization of collagen that allows bone mineral to form.



A Link Between Prediabetes and the Gut's Microbiome →

Adults from certain age groups with higher than normal blood sugar levels show an altered gut microbiome, says nutrition scientist Xuhuiqun "Sissi" Zhang.



ChronoLog Aims to Bust the Big Data Bottleneck →

Computer scientists Xian-He Sun and Anthony Kougkas have received an NSF grant to advance their new data-storage system.

COVID-19 Inhalant Advancing to Clinical Trial →

A team led by researcher David McCormick has been conducting efficacy and safety studies of the inhalant as well as many other novel agents.

First-of-Its-Kind Artificial Vision System →

With $2.5 million in funding from the National Institutes of Health, Professor Philip R. Troyk's innovative project advances into the clinical trial stage.

Grant Supports Improved Use of Fly Ash →

Assistant Professor Matt Gombeda has received a United States Department of Energy grant to further improve the use of fly ash—fine powder coal byproduct—within a supplementary cementitious material for precast concrete applications.

- Computation and Data
- Health and Wellness
- Urban Futures

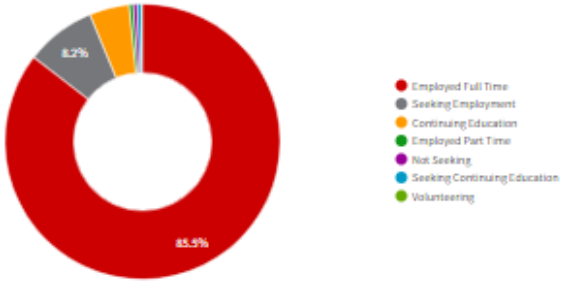
Illinois Tech Graduate Outcomes

ILLINOIS TECH

First Destination

Toggle charts

Learn more about career outcomes for our Masters and Ph.D. level graduates. Within six months of graduation, the vast majority of our graduates were employed full-time in their intended fields.



Top Employers

Our graduates obtain positions at companies and organizations of all sizes including start-ups, early-stage companies, and Fortune 500 corporations.

1. Amazon
2. Argonne National Laboratory
3. Districon
4. Management Solutions
5. Amazon Web Services
6. EY
7. Interlake Mecalux
8. Qualcomm
9. CCC Intelligent Solutions
10. Capgemini
11. Caterpillar Inc.
12. Deloitte
13. Foxconn Industrial Internet Co. Ltd
14. Holabird & Root, LLC
15. Honeywell
16. Illinois Institute of Technology Research Institute
17. Intel Corporation
18. LinkedIn Corporation
19. Oracle
20. Solomon Cordwell Buenz

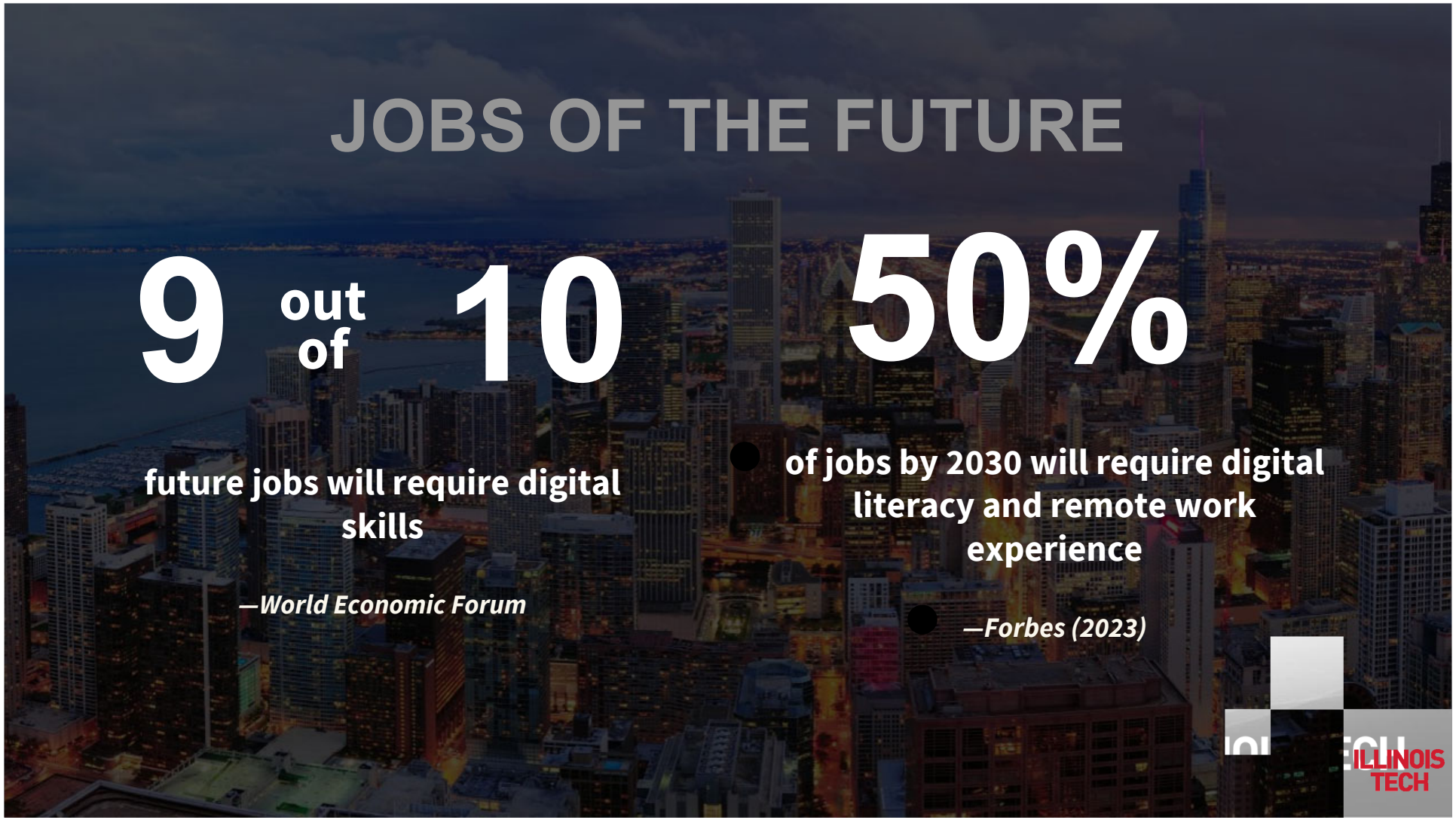
Starting Salary

Advanced Degree Starting Salaries

The salary information listed below is based on student-reported starting salaries and data from Optional Practical Training (OPT).

Mean:
$87,258
Yearly

Median:
$80,000
Yearly


JOBS OF THE FUTURE
9 out of 10
future jobs will require digital skills
—World Economic Forum
50%
of jobs by 2030 will require digital literacy and remote work experience
—Forbes (2023)
ILLINOIS TECH

August 2024-May 2025 cost - GRADUATE

Graduate level (Master's): **Cost per credit hour** = $1,780

Master's degree programs:30 credits ($53,400): 32 credits ($56,960) : 33 credits ($58,740)

Is the cost per credit hour the same for all Master's degree programs? YES

Is the cost per credit hour the same for domestic & international students? YES

Does IIT offer a partial merit scholarship? Yes – 9 credits ($16,020) for Engineering/Tech and Stuart School of Business programs

Will the approval of transfer of credit reduce my cost? Yes – Less 6 credits or for the Stuart School of Business 9 credits

What will the total tuition cost be if one qualifies for admission and if approved for the transfer of credit? Example: 32 credit Master's – 9 credits (scholarship) – 6 credits (transfer of credit if approved) = 17 credits to pay for x $1,780 = **$30,260**

N.B. The cost may change for the new academic year August 2025- May 2026. Change in cost will be posted on this link around early March 2025 -https://www.iit.edu/student-accounting/tuition-and-fees/future-tuition-and-fees/mies-campus-graduate

ILLINOIS TECH

August 2024-May 2025 cost – GRADUATE Engineering/Tech/Science programs

Cost per Credit Hour: $1,780 (August 2024-May 2025) **ONLY APPLIES** to UPC students pursuing Master level programs in Engineering/Technology/Science of 30, 32 or 33 credits

Example if admitted to Illinois Tech:
32-credit hour Master $56,960

a)IIT Partner scholarship 9 credits = - $16,020
(if an applicant qualifies for admission to IIT)

b) Transfer of credit 6 credits = $10,680
(if approved)

Tuition total applying a & b = **$30,260 for one year**

N.B. - Cost may change for August 2025-May 2026. Check the web link below for the new cost in March 2025.

ILLINOIS TECH

August 2024-May 2025 cost – GRADUATE
1+1 Master's program in Business

Cost per Credit Hour: $1,780 (August 2024-May 2025) **ONLY APPLIES** to students pursuing the M.S. programs in **Business**

Example if admitted to Illinois Tech:
33-credit hour Master $58,740

a)IIT Partner Alliance scholarship 9 credits = - $16,020
(if an applicant qualifies for admission to IIT)

b) Eligibility for a 3-course (9 c.h.) transfer credit = - $16,020
(if approved)

Tuition total applying a) & b) = **$26,700**

N.B. - Cost may change for August 2025-May 2026. Check the web link below for the new cost in March 2025.
https://www.iit.edu/student-accounting/tuition-and-fees/future-tuition-and-fees/mies-campus-graduate

ILLINOIS TECH

Graduate – Mandatory & Other fees per year
August 2024-May 2025

Degree-seeking in-person

Student Service Fee	$1,500
Health Insurance	$2,286
Student Activity Fee	$250
U-Pass fee (optional)	$310
New Student Fee	$300
Graduation Fee	$200
Total:	**$4,846**

N.B.: Cost may change for the academic year August 2025-May 2026. Updates will be available by March 2025 on https://www.iit.edu/student-accounting/tuition-and-fees/future-tuition-and-fees/mies-campus-graduate

BENEFITS/OUTCOMES

- Eligibility to work in the U.S. under F1 OPT for 12 months with a possible extension if STEM-related to an additional 24 months, under OPT (upto 3 years)

Average base salary in the U.S. - $81,848 (Master's degree)

https://www.payscale.com/research/US/Degree=Master%27s_Degree/Salary

- PhD. (Doctorate) in the U.S. or elsewhere

- Work in Europe or elsewhere

BENEFITS/OUTCOMES

U.S. Bureau of Labor Statistics (BLS) in May 2023 engineers

Median Annual Wage $91,420

"..Higher than the median annual wage for all occupations of $48,060"

Projection by BLS:

"*Overall employment in architecture and engineering occupations is projected to grow faster than the average for all occupations from 2023 to 2033. About 195,000 openings are projected each year, on average, in these occupations due to employment growth and the need to replace workers who leave the occupations permanently*."

https://www.bls.gov/ooh/architecture-and-engineering/

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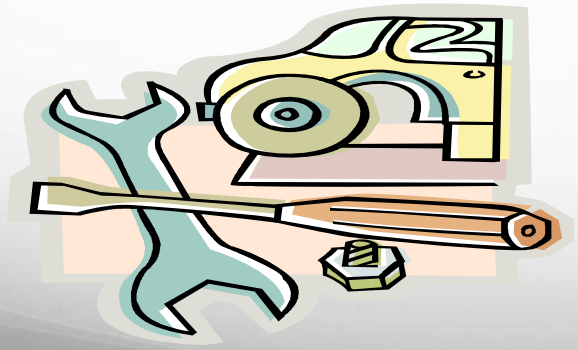
BENEFITS/OUTCOMES

New luxury car = $34,000

Value when it leaves the showroom = -20%

Master's d'IIT : $34K

Average annual salary in the U.S. per Payscale - ~$81K (+32%)



ILLINOIS TECH

https://www.iit.edu/registrar/academic-calendar

SPRING 2025 SEMESTER

Begins January 13, 2025

FALL 2025 SEMESTER

Begins August 18, 2025

Application deadlines

SPRING SEMESTER

Application: October 15

Financial Support: November 1

Intent to Enroll: November 1

Deposit: Waived @Graduate level

FALL SEMESTER

Application: April 15

Financial Support: May 31

Intent to Enroll: July 1

Deposit: Waived @ Graduate level

Profesionales Espanoles en Chicago

Profesionales Espanoles en Chicago (PEC)

Founded by UPM alumnus – Javier Perez

https://www.pec-network.com/about-pec

II. SHORT-TERM RESEARCH SCHOLAR PROGRAM MASTER'S LEVEL (Trabajo fin de Master)

ILLINOIS TECH

Application deadlines:

Deadlines: 15 October (Spring)
1 April (Fall)

Duration:1 semester or 6 months

Visa Type: J1 short-term research scholar

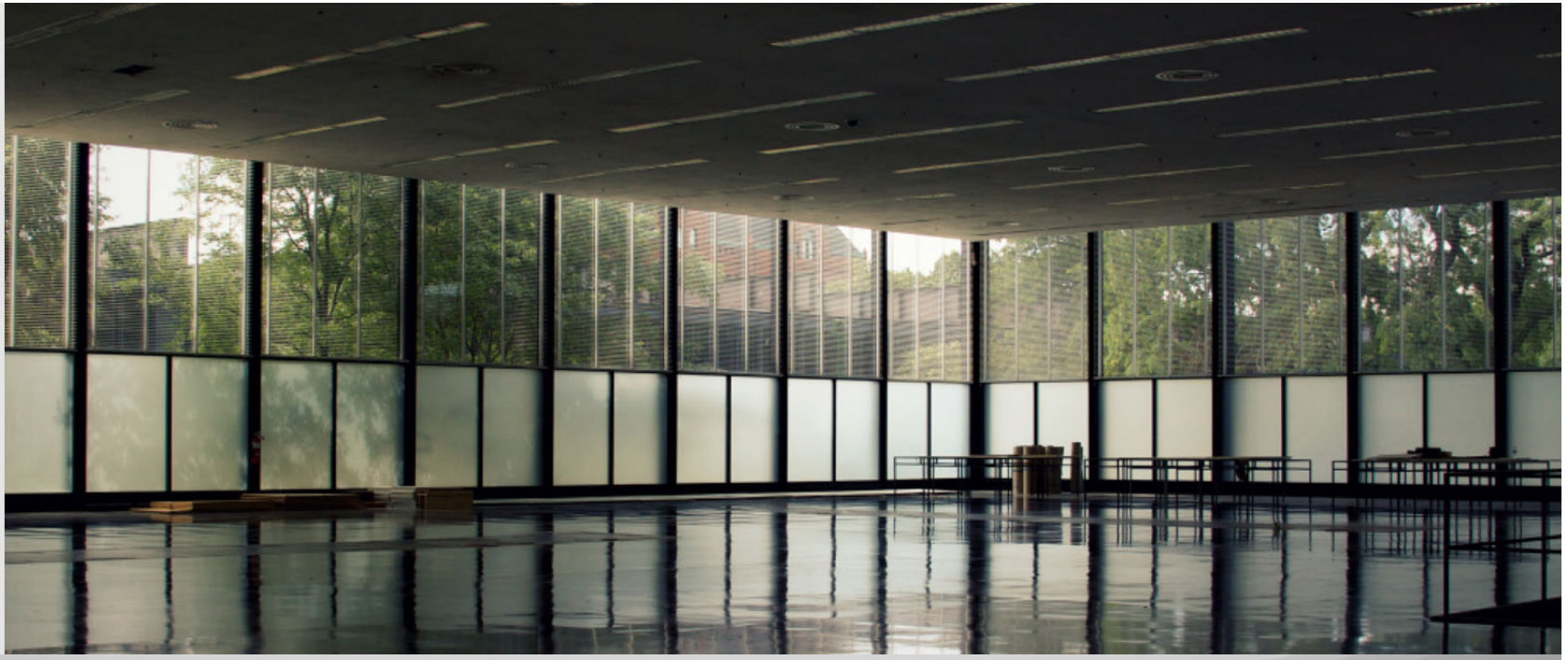
Application requirements:
Preselection by UPC
Professional statement
CV/Resumé
Certified Proof of an Intermediate level in English
Proof of funds
Certified transcripts in English
Submit all in one File to – IIT Senior Director of International Partnerships

III. Undergraduate Visiting/Exchange program (Architecture)

ILLINOIS TECH

Undergraduate Visiting program – Architecture (for ETSAM-UPM)

Illinois Tech College of Architecture



ILLINOIS TECH

Undergraduate Visiting program – Architecture (for ETSAM-UPM)

Illinois Tech College of Architecture

Undergraduate Visiting/Exchange program – Architecture (for ETSAB-UPC)

- Pre-selected by ETSAB-UPC
- Application deadline April 15 for Fall and November 1 for Spring
- List of courses to be taken at IIT
- Pursue courses for one semester or for one year (minimum 12 c.h. per semester)
- TOEFL 80 ibt (not home edition) overall and 20 in each of the 4 sections or IELTS 6.5 (not home edition) overall and 6.0 in each of the 4 bands
- Visa J1 non-degree visiting

No quota – any number of selected students may apply

ILLINOIS TECH

Undergraduate Visiting program – Architecture (for ETSAB-UPC)

Illinois Tech College of Architecture

4TH YEAR (FALL)	HRS.
ARCH 417—Architecture Studio VII	6
Architecture Technology Elective	3
History/Theory Elective	3
Architecture Elective	3
Social Science 300+ Level Elective	3
Total Hours	18

4TH YEAR (SPRING)	HRS.
ARCH 418—Architecture Studio VIII	6
ARCH 413—Architectural Practice	3
IPRO Elective	3
Architecture Elective	3
Total Hours	15

5TH YEAR (FALL)	HRS.
ARCH 420—Architecture Studio IX: Advanced	6
Architecture Elective	3
Social Science 300+ Level Elective	3
IPRO Elective	3
Total Hours	15

5TH YEAR (SPRING)	HRS.
ARCH 420 Architecture Studio X: Advanced	6
Architecture Elective	3
Architecture Elective	3
Humanities 300+ Level Elective	3
Total Hours	15

Undergraduate Visiting program – Architecture (for ETSAB-UPC)

Illinois Tech College of Architecture

The research and design topics put students in direct contact with the realities of architecture, landscapes, and urbanism in Chicago and throughout the world.

The curriculum stresses **disciplined research, analysis**, and **synthesis as the fundamental skills** that will allow our graduates to seize opportunities and explore new territories.

In our **extensive fabrication workshop**, students learn to handle materials, explore structural systems, and refine building details. “

“Our award-winning Design/Build studios allow students to design and construct full-scale buildings, fulfilling the notion of a “hands-on” education.”

ILLINOIS TECH

Undergraduate Visiting program – Architecture (for ETSAB-UPC)

STUDIO CULTURE:

The studio environment in the College of Architecture is characterized by its openness, fostering a free and respectful exchange of ideas and the development of interesting and innovative proposals.

Collaboration

Community Engagement
Collaboration between varied disciplines, specializations
Group, Partner and individual projects

ILLINOIS TECH

Undergraduate Visiting/Exchange program – Architecture (for ETSAB-UPC)

IIT international undergraduate Application Form

https://www.iit.edu/admissions-aid/undergraduate-admission/international-undergraduate-students/how-apply-international-undergraduate-students/international-visiting-and-exchange-students

- For Exchange students ONLY– ETSAB-UPC must send the nomination of its students to intl@iit.edu
- Apply online
- Submit official/certified copies of transcripts (university level) in English & in Spanish
- Architecture students must submit a digital portfolio (8.5 x 11 inches page size)
- Official copy of English Proficiency – TOEFL ibt 80 overall (not home edition and 20 in each of the 4 sections or IELTS (not home edition) 6.5 overall and 6.0 in each of the 4 bands
- A letter of recommendation from a professor
- Copy of the name page of passport
- Financial documents to show proof of funds available (may submit once a decision has been made)

ILLINOIS TECH

Undergraduate Visiting program – Architecture (for ETSAB-UPC)

COST (AUGUST 2024- MAY 2025)

BACHELOR'S LEVEL FOR ETSAB-UPC STUDENTS TO ILLINOIS TECH

	Semester
Tuition	$25,318 (any number of courses upto 18 credits)
Scholarship (If admitted to Illinois Tech)	$10,000
Total to pay to IIT for tuition	$15,318 (cost for courses for the semester)

Mandatory & Other fees **additional** (for one Semester)

Activity fee	$ 125
Student Service Fee	$ 750
U-pass (optional)	$ 155
Health insurance	$1,143
New Student Fee	$ 350
Sub-total	$2,523
Total	**$17,841** (for one semester based on current year's cost)
Room and Board cost	**Additional**

N.B.: Cost may change for the academic year August 2025-May 2026. Updates will be available by March 2025 on https://www.iit.edu/student-accounting/tuition-and-fees/future-tuition-and-fees/mies-campus-graduate

ILLINOIS TECH

Undergraduate Visiting program – Architecture (for ETSAB-UPC)

- Scholarship of 20K for the year or 10K for the semester if the student qualifies for admission
- Student is responsible for the Mandatory and other fees
- Admitted students may be eligible for a housing scholarship of 5K for the year (room only) if residing in on-campus residence halls – *to be confirmed if available for Fall 2025*

ILLINOIS TECH

Undergraduate Exchange program – Engineering students- Bachelor's level at UPC

COST (AUGUST 2024- MAY 2025)

BACHELOR'S LEVEL FOR ETSAB-UPC EXCHANGE STUDENTS TO ILLINOIS TECH

	Semester
Tuition	Waived

Mandatory & Other fees additional (Semester):

Activity fee	$ 125
Student Service Fee	$ 750
U-pass (optional)	$ 155
Health insurance	$1,143
New Student Fee	$ 350
Total	$2,523

(for one semester based on current year's cost)

Additional – Room and Board and living expenses

N.B.: Cost may change for the academic year August 2025-May 2026. Updates will be available by March 2025 on https://www.iit.edu/student-accounting/tuition-and-fees/future-tuition-and-fees/mies-campus-graduate

ILLINOIS TECH

A couple of pictures of 2 Illinois Tech Residence Halls

TECH

Campus Housing

Residence Halls

- McCormick Student Village
- Jeanne and John Rowe Village
- Gunsaulus Hall
- Carman Hall
- George J. Kacek Hall

Single Room- Kacek Hall

ILLINOIS TECH

Room and Meal rates on-campus housing

ROOM RATES ON CAMPUS: **August 2024-May 2025**
https://www.iit.edu/housing/housing-options/housing-rates

Cost range: $7,664-$16,213 for the academic year

BOARD/MEAL RATES ON CAMPUS:
https://www.iit.edu/housing/dining-and-meal-plan/options-and-rates

Cost range: $1,980 - $8,306 for the academic year

Graduate (Master and Doctoral level) students are NOT required to live in on-campus housing

ILLINOIS TECH

Are you ready to start the journey of a lifetime in Chicago at Illinois Tech?

IIT alumus – Andy de Fonseca – rocket launch
https://www.youtube.com/watch?v=ybdx7wSjP_I

ILLINOIS TECH

Questions??

ILLINOIS TECH