Bienvenidos!

Presentation by:
Dr. Vanita Misquita Ph.D.
Director of Overseas Programs
europe@iit.edu
Illinois Institute of Technology is located in Chicago, Illinois.
Chicago: the City Illinois Tech Built

- 3rd largest city in the U.S.
- 35 miles of lakefront
- 552 parks
- 46 museums
- 7,000 restaurants
- #1 in the U.S. in manufacturing
- #1 in the U.S. in nanotechnology
Autumn in Chicago
Winter in Chicago
Spring & Summer in Chicago
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 a Master’s degree in **1 year (12 months)** at IIT in **ANY FIELD WITH APPROVAL FROM HOME INSTITUTION**

• Tuition is the same for all students regardless of field of study **Engineering/Tech/Science/Business**

• No quotas at the Master’s degree level – **Illinois Tech Partner Alliance scholarship for UPC –9 credits for the 1–year Master or 9 credit for Stuart School of Business programs**

• 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
Why study at Illinois Tech?

- Member of the Association of Independent Technological Universities
- AITU consists of 23 colleges and universities
- Illinois Tech among the first 15 founding members 1957
- Other members include: California Institute of Technology (CalTech), Carnegie Mellon University (CMU) and Massachusetts Institute of Technology (MIT)
Academics

Eight colleges with 40+ programs
- 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

Four institutes
- Ed Kaplan Family Institute for Innovation and Tech Entrepreneurship
- Institute for Food Safety and Health
- Pritzker Institute of Biomedical Science and Engineering
- Wanger Institute for Sustainable Energy Research (WISER)
What is a U.S. credit hour?

• 1 U.S. credit hour equals 1 contact hour of lecture
• A graduate level course at Illinois Tech is usually 3 credit hours
• A 3-credit hour course at Illinois Tech means that the course may be offered three times per week or once a week for 3 hours
• 1 U.S. Credit = ~2 ECTS credits
CUTTING-EDGE AREAS OF STUDY AND CAREER OPPORTUNITIES
# Cutting-Edge Fields of Study & Career Opportunities

<table>
<thead>
<tr>
<th>Fields of Study</th>
<th>Career Opportunities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>M.S. Autonomous Systems &amp; Robotics</strong></td>
<td>Robotics Engineer/Autonomous Systems engineer/Navigation &amp; Guidance systems engineer</td>
</tr>
<tr>
<td><strong>M.Eng Cybersecurity Engineering</strong></td>
<td>Cybersecurity Systems Engineer/Network Security Engineer</td>
</tr>
<tr>
<td><strong>M.Eng Computer Engineering &amp; IoT</strong></td>
<td>Chief IoT officer</td>
</tr>
<tr>
<td><strong>M.Eng Biomedical Engineering</strong></td>
<td>Orthopedic bioengineer/Rehab engineer/quality engineer</td>
</tr>
<tr>
<td><strong>M.S. Computational Decision Sc &amp; Op</strong></td>
<td>Logistician/Operations/market research analyst</td>
</tr>
</tbody>
</table>
Fall 2020 Quick Facts

- Undergraduates: 3,121 students: first-year student body comes from 22 countries and 33 states in the U.S.
- Graduates: 3,204 students: 53 countries are represented in the graduate student body
Rankings and Recognition

• **#5** in the Nation for Finance – *The Financial Times* on Stuart School of Business

• **#1** in the Nation for Intellectual Property Law – *Law Street* on Chicago-Kent College of Law

• **Top 25** STEM Colleges 2018 – *Forbes*

S. R. Crown Hall
Designated a national historic landmark by the United States Secretary of the Interior
NOTABLE ALUMNI

ILLINOIS TECH
Martin Cooper

• Graduated Illinois Tech with a bachelor’s and master’s degree in electrical engineering
• Inventor of the cell phone 1972-73
• Formulated the Law of Spectral Efficiency, also known as Cooper’s Law.
• Awarded the prestigious Charles Stark Draper Prize in 2013 amongst many others

“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)
Rohit Prasad

- Graduated from Illinois Tech with a master’s degree in electrical engineering
- Head Scientist behind Amazon’s Alexa
- Currently Vice President and Head Scientist, Alexa Artificial Intelligence (AI)
- Ranked No. 9 in Fast Company’s 100 most creative people in business, 2017
- 15 on Recode’s list of 100 people in tech, business and media, 2017

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

– Rohit Prasad
(M.S. EE 1999)
Rajeev Chandrashekhar  
(M.S. CS 1988)  
Member of the Team that Developed the Pentium Chip

Ed Kaplan  
(ME 1965)  
Pioneer in Barcode Technology

Susan Soloman  
(Chem 1977)  
Discovered Manmade Chlorofluorocarbons were Destroying the Earth

Victor Tsao  
(M.S. CS 1980)  
Co–founder of Linksys
Andrea Berry (CS 1984)
Emmy Award-winning
Broadcast Media
Consultant

Anita Burke (ME 1990)
Vehicle Chief Engineer
for the GMC Canyon
and Chevrolet
Colorado

Gloria Ray Karlmark
(Chem. Math 1965)
Part of The Little Rock
Nine who Stood Up
Against Segregation in
Arkansas Schools
IN THE NEWS

Award-winning student’s( Larissa AFFOLABI (ESIGELEC-IIT –Master 2019, Phd current) research innovates electric-vehicle charging
https://www.iit.edu/news/award-winning-student-research-innovates-electric-vehicle-charging

New chair - Calvin Nobles of Illinois Institute of Technology’s Department of Information Technology and Management, has been awarded a non-resident fellowship with the Cyber Project at the Belfer Center for Science and International Affairs at Harvard University’s Kennedy School. The aim of the Belfer Center’s Cyber Project is to become the premier home for the rigorous and policy-relevant cybersecurity-related responses to contemporary issues.

4th year Architecture student’s winning design to be built in Kenya

Illinois Tech launches 5 new Chemistry programs –Medicinal chemistry, Bioanalytical chemistry, environmental chemistry, forensic chemistry & computational chemistry
CAMPUS LIFE

ILLINOIS TECH
Residence Halls

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

To learn more about residence halls visit https://www.iit.edu/student-experience/campus-and-housing/residence-halls
ROOM RATES ON CAMPUS: August 2021-May 2022
https://web.iit.edu/housing/rates-contract-terms#RoomRate
**Cost range:** $8,388-$15,000 for the academic year

BOARD/MEAL RATES ON CAMPUS:
https://web.iit.edu/housing/options-and-rates

**Cost range:** $1,744 - $7,204 for the academic year
Athletics: Scarlet Hawks

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
Illinois Tech Student Center
ILLINOIS TECH
PARTNERS IN SPAIN
Illinois Tech Partners in Spain

- Universidad Politecnica de Madrid (UPM – ETSIT, ETSII, ETSIAAB, ETSIAE, ETSICCP, ETSIINF, ETSAM & ETSIDI)
- Universitat Politecnica de Catalunya (UPC – ETSETB, ETSEIB, ETSAB, ETSECCPB, ESEELIAT, FME)
- Universitat Politecnica de Valencia (UPV – ETSA, ETSII, ETSIT, ETSICCP & ETSIAMN)
- Universidad de Seville
- ICAI-Universidad Pontificia Comillas, Madrid
- ESIB –Universidad del Pais Vasco (UPV)
Departments at Illinois Tech for UPCatalunya

Armour College of Engineering
Department of Electrical & Computer Engineering
www.iit.edu/ece
Department of Mechanical, Materials & Aerospace Engineering
www.iit.edu/mmae
Department of Civil, Architectural & Environmental Engineering
www.iit.edu/caee
Department of Chemical & Biological Engineering
www.iit.edu/chbe
Department of Biomedical Engineering
www.iit.edu/bme

College of Computing
Department of Information Technology & Management
www.iit.edu/itm
Department of Industrial Technology & Operations
www.iit.edu/intm
Department of Computer Science
www.iit.edu/computer-science
Department of Applied Mathematics
www.iit.edu/applied-math

Lewis College of Science & Letters
Department of Physics
www.iit.edu/physics
Department of Biology
www.iit.edu/biology

Stuart School of Business
www.iit.edu/stuart

College of Architecture
https://arch.iit.edu
INTERDISCIPLINARY PROGRAMS @ ILLINOIS TECH

Armour College of Engineering

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

M.Eng – Computational Mechanics – (MMAE dept)

M.Eng – Computational Engineering – Optimization Machine Visitino& Decision-Making track (ECE dept)

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

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

M.Eng – Advanced Manufacturing – Additive& Digital Manufacturing Tracks (MMAE dept)

M.Eng – Advanced Manufacturing – Automation & Control Systems track (ECE dept)

Career Opportunities & quick google search 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

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A FEW EXAMPLES OF NEW* & JOB MARKET-RELEVANT MASTER DEGREE PROGRAMS @ ILLINOIS TECH

*M.S. Autonomous Systems & Robotics ( MMAE)
M.S. Computational Decision Science & Operations Research ( CS)

Master of Electricity Markets ( ECE)
Master of Cybersecurity Engineering ( ECE)

Master of Power Engineering ( ECE)
M.Eng Wireless Communication & Computer Networks ( ECE)

M.A.S. Artificial Intelligence ( CS)
M.S. Computational Decision Science & Operations Research ( CS)

M.A.S. Data Science ( CS)
M.A.S. Cybersecurity ( CS)

*M.S. Biomedical Data Science & Modeling ( BME)
*M.S. Medical Devices & Biomaterials (BME)

M.Eng Environmental Engineering ( CAEE)
M.S. Environmental Management & Sustainability ( SSB)

M.S. Marketing Analytics ( SSB)
M.A.S. Technological Entrepreneurship ( SSB)

M.P.P.A. – Master of Public Policy & Administration ( SSB)
RESEARCH AREAS AT THE IIT MMAE DEPARTMENT

- Autonomous Systems
- Design & Manufacturing
- Energy Storage & Conversion
- Fluid Dynamics
- Materials Science & Engineering
- Solids & Structures
- Thermal Sciences
<table>
<thead>
<tr>
<th>Job Title</th>
<th>Average annual salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Manufacturer Engineer</td>
<td>$81K</td>
</tr>
<tr>
<td>New Product Development Engineering</td>
<td>$80K</td>
</tr>
<tr>
<td>Product Engineering Designer</td>
<td>$95K</td>
</tr>
<tr>
<td>Control Systems Engineer</td>
<td>$100K</td>
</tr>
<tr>
<td>Autonomous Systems Engineer</td>
<td>$104K</td>
</tr>
<tr>
<td>Chief IoT officer</td>
<td>$288K</td>
</tr>
<tr>
<td>Robotics Systems engineer</td>
<td>$95K</td>
</tr>
<tr>
<td>Navigation &amp; Guidance systems engineer</td>
<td>$126K</td>
</tr>
<tr>
<td>AI Engineer</td>
<td>$164K</td>
</tr>
<tr>
<td>Senior Energy Engineer</td>
<td>$105K</td>
</tr>
<tr>
<td>Systems Energy Engineer</td>
<td>$104K</td>
</tr>
<tr>
<td>Energy Program manager</td>
<td>$90K</td>
</tr>
<tr>
<td>Product Development Manager</td>
<td>$124K</td>
</tr>
<tr>
<td>Senior Product Manager</td>
<td>$146</td>
</tr>
<tr>
<td>Structural Systems Engineer</td>
<td>$95K</td>
</tr>
<tr>
<td>AI &amp; Machine Learning Developer</td>
<td>$143K</td>
</tr>
<tr>
<td>Process Engineer</td>
<td>$74K</td>
</tr>
<tr>
<td>Quality engineer</td>
<td>$77K</td>
</tr>
<tr>
<td>Materials Science Engineer</td>
<td>$78K</td>
</tr>
<tr>
<td>Construction Manager</td>
<td>$77K</td>
</tr>
<tr>
<td>Metallurgist</td>
<td>$89K</td>
</tr>
<tr>
<td>Mechanical Engineer</td>
<td>$83K</td>
</tr>
<tr>
<td>Logistics Manager</td>
<td>$74K</td>
</tr>
<tr>
<td>Supply Chain analyst/engineer</td>
<td>$84K</td>
</tr>
</tbody>
</table>
DIFFERENCE BETWEEN MSCS AND MASTER OF COMPUTER SCIENCE –
www.iit.edu/computer-science

Difference between the Master of Science in Computer Science and the Master of Computer Science
https://www.iit.edu/academics/programs/computer-science-ms

Master of Computer Science with Specializations:
https://www.iit.edu/academics/programs/computer-science-mas

Specializations include:
Business
Finance
Computational Intelligence
Data Analytics
Database Systems
Cloud Computing
Information Security & Assurance
Networking & Communication
Software Engineering
PRE-REQUISITE REQUIREMENTS

PROGRAMS OFFERED BY THE DEPARTMENT OF COMPUTER SCIENCE

For any Master degree applicant, the Computer Science department requires proof of successful completion (6.5 out of 10) of the following pre-requisites:

- CS 201 – Accelerated Introduction to Computer Science (4 US Credits)
- CS 401 – Introduction to Advanced Studies I (3 US Credits)
- CS 402 – Introduction to Advanced Studies II (3 US credits)

For the MSCS, MCS and Master of AI programs: Successful completion (6.5 out of 10) is necessary for the following courses:
- CS 330 Discrete Structures
- CS 331 – Data Structures & Algorithms
- CS 350 – Computer Org. & Assembly Lang Programming
- CS 351 – Systems Programming and Calculus

Additionally, 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 Electrical & Computer Engineering department proof of successful completion of the following courses are required:
- Probability & Statistics – Math 474 (3 US credits)
- Signals & Systems - ECE 308 (3 US credits)

http://bulletin.iit.edu/undergraduate/courses/ece/
http://bulletin.iit.edu/undergraduate-colleges/computing/applied-mathematics/#coursestext
MASTER DEGREE PROGRAMS OFFERED BY THE STUART SCHOOL OF BUSINESS – www.iit.edu/stuart

- M.S. Finance
- M.S. Environmental Management & Sustainability
- M.S. Management Science
- M.S. Marketing Analytics
- M.A.S. Technological Entrepreneurship
- M.P.P.A. – Master of Public Policy & Administration

- Eligible for **upto 3**-course transfer credit for SSB programs
- Eligible for a 9-credit hour scholarship for SSB (only one scholarship will apply) *

* If choosing one of the SSB programs will only be eligible for 9 ch scholarship. If choosing a program in Engineering/Technology will only be eligible for 9 credits scholarship. One CANNOT apply both scholarships for a program.
STUDENTS INTERESTED IN AEROSPACE ENGINEERING COURSES

IF STUDENTS ARE INTERESTED IN AEROSPACE ENGINEERING BUT DO NOT HAVE THE COURSE BACKGROUND, COURSES RECOMMENDED TO TAKE EITHER AT UPM OR AT IIT:

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

If only interested in M.Eng in MAE – not necessary to take the above courses – have different options
Academic Calendar

SPRING 2022 SEMESTER
Begins January 10, 2022

FALL 2022 SEMESTER
Begins August 22, 2022
<table>
<thead>
<tr>
<th>Important Application Deadlines</th>
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</tr>
</thead>
<tbody>
<tr>
<td>FALL SEMESTER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Application: April 15</td>
<td>Financial Support: May 31</td>
<td></td>
</tr>
<tr>
<td>Financial Support: May 31</td>
<td>Intent to Enroll: July 1</td>
<td></td>
</tr>
<tr>
<td>Intent to Enroll: July 1</td>
<td>Deposit: Waived</td>
<td></td>
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<tr>
<td>Deposit: Waived</td>
<td></td>
<td></td>
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<tr>
<td>SPRING SEMESTER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Application: October 15</td>
<td>Financial Support: November 1</td>
<td></td>
</tr>
<tr>
<td>Financial Support: November 1</td>
<td>Intent to Enroll: December 1</td>
<td></td>
</tr>
<tr>
<td>Intent to Enroll: December 1</td>
<td>Deposit: Waived</td>
<td></td>
</tr>
</tbody>
</table>
Double degree Master
2-yr Master at UPC – complete the 2\textsuperscript{Nd} year at IIT
PROCEDURE FOR THE DOUBLE DEGREE PROGRAM

Applies to students on a 2-year Master’s degree program at UPCatalunya

Pre-selected by UPCatalunya
Can apply to Illinois Tech only if pre-selected by UPCatalunya

TOEFL min. 90 ibt OR IELTS min. 6.5 OR Duolingo 110+ required

GRE general waived for Fall 2022 applicants

Application deadlines:
Fall semester: April 15
Spring semester: October 15

Final decision made by Illinois Tech
1st/Year

UPC

2nd/Year

Illinois Tech

IIT Master’s degree

UPC’s Master’s degree
1+1 Master
(1-yr Master at UPC + 1 yr Master at IIT with TFM included)
1+1 PROGRAM – MASTER’S LEVEL

Applicable to students pursuing a 1-year Master at UPC

Complete only the required courses at the Master's level at UPC

Complete the required UPC Trabajo fin de Master at Illinois Tech instead

At Illinois Tech will complete a different Master (1 year in length) which will include the Trabajo Fin de Master

Transfer of credit not possible – must complete the entire 30, 32 or 33 credits at Illinois Tech

UPC will validate the TFM only

Receive UPC degree after validation of the TFM and the Illinois Tech Master's degree
1st/Year

UPC-1 yr Master

2nd/Year

Illinois Tech

IIT Master’s degree with TFM

UPC’s Master’s degree
Upon completion of TFM at Illinois Tech
1+1 PROGRAM – MASTER’S LEVEL

Pre-selected by UPCatalunya
Can apply to Illinois Tech only if pre-selected by UPCatalunya
Completion of the courses for the Master’s at UPC:
Completion of Trabajo fin de Master at IIT which will be included in the IIT 1-year Master degree program

TOEFL min. 90 ibt OR IELTS min. 6.5 OR Duolingo 110+ required

GRE general waived for Fall 2022 applicants

https://www.iit.edu/admissions-aid/graduate-admission/gre-gmat-and-test-scores - “GRE and GMAT Waiver: We understand that many GRE and GMAT testing facilities are closed due to the coronavirus. As a result, Illinois Tech has changed our test requirements for the spring and fall 2022 semesters. We are no longer requiring students to submit GRE or GMAT scores for all master’s programs except for the Master of Science in Management Science.”

Application deadlines:
Fall semester: April 15
Spring semester: October 15

Final decision made by Illinois Tech
COMPARISON BETWEEN THE TWO PROGRAMS

1-Year Master completed at UPC – add another year at Illinois Tech – no course transfer credit – can choose any type of Master

2-year Master at UPC – complete the 2nd year at Illinois Tech – eligible for 2-course transfer credit – must choose the Master that UPC approves of – no additional year

Both 2-year Master and 1-year Master can complete the Trabajo Fin de Master at Illinois Tech which can be included in the Illinois Tech 1-year Master’s degree

Both types – eligible to work in the U.S. under the F1 student visa

Both types will receive two degrees (Illinois Tech and UPCatalunya)

Both types may be eligible for a partial merit scholarship of 9 credits for the year
M.S. in Biology (32 – 34 ch) NON-THESIS option but TFM (research project) possible

M.S. in Biology with Specializations (non-thesis option, but TFM (research project) possible:
  Applied Life Science
  Cell & Molecular Biology
  Computational Biology
  Microbiology

M.S. in Molecular Biochemistry & Biophysics (non-thesis option but TFM/research project possible)
Research areas in Biology

Small-angle X-ray scattering for study of muscle contraction and regulation, and structure of proteins and their complexes in solution

Cell and cancer biology

X-ray crystallography – development of software tools to help researchers determine and analyze the three-dimensional structures of large biomolecules

Computational genomics

Population genetics and evolution

Pathogenic bacteria

Biomechanical trauma

Genetic therapy
For FME – UPC students

- Applications for the Spring semester only
- F1 visa category
- 32 c.h. with thesis
- Defense of thesis at Illinois Tech
- Completed 4.5 yrs at FME-UPC
- Must complete at least 2 core sequences e.g. Computational, Discrete or Stochastics
- May be eligible for transfer of credit of up to 3 courses (9 c.h.) – Only for FME
For FME – UPC students – Doctoral degree program

**Doctoral degree program:**
✓ Pre-selection by FME
✓ Completion of Master’s at FME-UPC
✓ May apply to pursue PhD in 6\(^{th}\) year first semester
✓ Overall average 7.5 out of 10 with 8/10 in Math courses
✓ TOEFL 95+
✓ GRE quantitative 160+ overall 304
✓ Early review by IIT end of Nov/early Dec
✓ Limit to 1 student per year
TUITION & FEES

ILLINOIS TECH
Tuition and Fees – August 2021-May 2022

Cost per Credit Hour: $1,614  (includes IIT Europe partner school students seeking any 1-year program offered by the Stuart School of Business ( NOT MBA)

Mandatory & Other fees additional

PER SEMESTER

<table>
<thead>
<tr>
<th>Activity Fee »</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Full time</td>
<td>$125.00</td>
</tr>
<tr>
<td>Part time</td>
<td>$40.00/course</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Student Service Fee »</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Full time</td>
<td>$530.00</td>
</tr>
<tr>
<td>Part time</td>
<td>$190.00</td>
</tr>
</tbody>
</table>

| UPass Fee »           | $155.00|
| Course Fees           | View Rates |

For additional info, visit [https://web.iit.edu/student-accounting/tuition-fees/future-tuition/mies-campus-graduate](https://web.iit.edu/student-accounting/tuition-fees/future-tuition/mies-campus-graduate)
Cost per Credit Hour: $1,614 (August 2021-May 2022)

Example if admitted to Illinois Tech:

32-credit hour Master $51,648
a) IIT Partner Alliance scholarship 9 credits = - $14,526
b) Eligibility for a 2-course (6 c.h.) transfer credit = - $9,684  
   (if approved)

Tuition total applying a) & b) = $27,438

N.B. - Cost may increase for August 2022-May 2023. Check the web link below for the new cost in Feb/March 2022.

For additional info, visit https://web.iit.edu/student-accounting/tuition-fees/future-tuition/mies-campus-graduate
### Mandatory & Other Fees – Graduate Level – Engineering/Technology/Science

**August 2021-May 2022**

<table>
<thead>
<tr>
<th>Fee</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activity Fee</td>
<td>$ 250</td>
</tr>
<tr>
<td>Student Service</td>
<td>$1,060</td>
</tr>
<tr>
<td>Health insurance</td>
<td>$1,896</td>
</tr>
<tr>
<td>New Student</td>
<td>$ 300</td>
</tr>
<tr>
<td>U-Pass</td>
<td>$ 310</td>
</tr>
<tr>
<td>Graduation App</td>
<td>$ 225</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$4,041</strong></td>
</tr>
</tbody>
</table>

**N.B.1:** does not include any lab fees that may apply for certain courses

**N.B. 2:** New cost for August 2022-May 2023 will be posted in Feb/March 2022 on the Student accounting link below: [https://web.iit.edu/student-accounting/tuition-fees/future-tuition/main-campus-graduate](https://web.iit.edu/student-accounting/tuition-fees/future-tuition/main-campus-graduate)
Course credit transfer for UPCatalunya

a) Should choose from among the elective courses in the Master’s degree program of choice at Illinois Tech

b) Can only choose \textbf{upto} 2 course equivalents i.e. 6 US credits or 12 ECTS (\textbf{6 ECTS minimum for a 3 c.h (U.S.) course}) or \textbf{upto} 9 US credits – 3 courses) (18 ECTS) for SSB 1-year Master degree programs

c) Courses must be \textbf{Master level} courses

d) Courses must be \textbf{compatible in content and number of hours}

e) Courses successfully passed (\textbf{6.5 out of 10}) for each 3 ch (U.S.) course equivalent
Tuition cost – example (Stuart School of Business)

Cost per Credit Hour: $1,614 (August 2021-May 2022) ONLY APPLIES to Europe partner school students pursuing 1-year Master level programs offered by the Stuart School of Business

Example if admitted to Illinois Tech:

33-credit hour Master $53,262

a) IIT Stuart School of Business scholarship 9 credits = - $14,526
   (or SSB scholarship)

b) Eligibility for a 3-course (9 c.h.) transfer credit = - $14,526
   (if approved for Engineering & Technology)

Tuition total applying a) & b) = $24,210 for Stuart School of Business only

N.B. - Cost may increase for August 2021-May 2022. Check the web link below for the new cost in Feb/March 2022.
   For additional info, visit https://web.iit.edu/student-accounting/tuition-fees/future-tuition/mies-campus-graduate
Mandatory & Other Fees – Graduate Level – Stuart School of Business

August 2021-May 2022

<table>
<thead>
<tr>
<th>Activity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activity Fee</td>
<td>$ 250</td>
</tr>
<tr>
<td>Student Service</td>
<td>$1,060</td>
</tr>
<tr>
<td>Health insurance</td>
<td>$1,687</td>
</tr>
<tr>
<td>New Student</td>
<td>$ 250</td>
</tr>
<tr>
<td>U-Pass</td>
<td>$ 310</td>
</tr>
<tr>
<td>Graduation App</td>
<td>$ 225</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$3,782</strong></td>
</tr>
</tbody>
</table>

N.B. 1: does not include any lab fees that may apply for certain courses.
N.B. 2: New cost for August 2022-May 2023 will be posted in Feb/March 2022 on the Student accounting link below: https://web.iit.edu/student-accounting/tuition-fees/future-tuition/stuart-school-business
OUTCOME FOR THE DOUBLE DEGREE PROGRAM

2nd year of Master at Illinois Tech

Complete the Illinois Tech Master’s in 1 year (12 months)

Includes Trabajo fin de Master-TFM (research project)

2 degrees in 1 year
(IIT Master’s and equivalent Master’s from UPC)
OUTCOME FOR THE 1-YEAR MASTER DEGREE PROGRAM

Will add an extra year at Illinois Tech

Complete the 30, 32 or 33 credit hour Master (no course transfer credit)

Complete the Illinois Tech Master’s in 1 year (12 months)

Includes Trabajo fin de Master-TFM (research project)

2 degrees
( IIT Master’s and equivalent Master’s from UPC)
Eligibility to work in the U.S. under F1 OPT for 12 months

Possible extension if STEM-related to 24 months in addition under OPT

Median annual salary in the U.S. : 71,000 USD according to specialization

Average annual salary in the U.S.: 65,000 USD

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

Work in Europe or elsewhere
CERTIFICATE PROGRAMS
(Non-Degree)

ILLINOIS TECH
Non-Degree Certificate programs

- LEVEL-MASTER

- ONLINE

- May take 1 or 2 courses in the certificate program that may transfer to a specific Master's program of interest at Illinois Tech under the DD program or 1+1 program

  OR

- May complete the entire certificate program (9, 12 or 13 credits)

  OR

- If admitted to the Illinois Tech Master's degree for Fall 2021 (for example) and has decided to defer to Spring 2023 – may take 1 or 2 courses in the preceding summer 2022 or Fall 2022
Examples of a few Certificate programs
Cyber Security Management
Data Management & Analytics
Software Development
Supply Chain Management
Advanced Electronics
Computer Engineering
Cybersecurity Engineering
Power Electronics
Computer Integrated Design & Manufacturing
Process Operations Management
Product Quality & Reliability Assurance ……………

LINKS:
bulletin.iit.edu/graduate/colleges/engineering/#degreeprogramstext
bulletin.iit.edu/graduate/colleges/science/computer-science/#certificatestext
COST FOR THE CERTIFICATE PROGRAM

Offered to IIT Europe partner school students at 50% discount

May take the entire certificate program

OR

May take one or two courses at 50% discount per course from the certificate program that MAY apply to a specific Master’s degree program at Illinois Tech

Example:
Certificate program of 9 credits = $14,526 (August 2021-May 2022 cost per credit = $1614
50% discount = $7,263
Or
1 course from the certificate program (3 credits = $4,842) @ 50% discount = $2,421
COST FOR THE CERTIFICATE PROGRAM – NON-DEGREE

Offered ONLY to IIT Europe partner school pre-selected students at a 50% discount

May opt to complete the entire certificate program

OR

May take one or two courses in the certificate program at a 50% discount per course, that MAY apply to a specific Master’s degree program at Illinois Tech
APPLICATION PROCEDURE FOR THE ONLINE CERTIFICATE PROGRAM

- Must be pre-selected by the home institution
- Names and email addresses of pre-selected students sent to europe@iit.edu
- Illinois Tech will inform students about the application process
- Application deadlines: April 15 for Fall and October 15 for Spring
- Pre-requisites must be completed – discounted cost not applicable
- May take one or two courses per semester online
- Maximum number of courses in the certificate program not to exceed 15 credits (including pre-requisites)
- Discounted cost applicable for courses offered in the certificate program (not pre-requisites)
Selection by UPCatalunya

Submit an application file to Illinois Tech

Deadline: 15 October for Spring (can start no later than Feb)
February 15 for Fall (can start no later than Sept)

Research for 6 months—Registration fee of 3 credits ($4,842 – August 2021-May 2022 –Engineering/Technology)
Not applicable to the Stuart School of Business

Visa Type: J1 short-term research scholar
➢ Do NOT contact the professors directly

➢ Each professor working at a research center/institute is affiliated to a department at Illinois Tech

➢ When applying for research, documents are issued by the department NOT the research center
Research - GRADUATE PROCEDURE

➢ Selected by school – name submitted to IIT Europe

➢ Send required docs (certified copy of transcripts in English only, 1 letter of recommendation, CV, copy of the name page of passport, certified letter of proof of intermediate level in English or official & valid TOEFL/IELTS score & a professional statement – identify three professors in one department at IIT, with whom you would like to work), proof of Bachelor’s degree in English, VIA EMAIL to IIT Europe office

➢ IIT Europe will distribute the dossier to the 3 professors you identified, within 1 department at IIT Chicago

➢ MUST CHOOSE ONLY ONE DEPARTMENT AT IIT

➢ IF APPROVED BY THE PROFESSOR AT IIT, IIT Europe will inform you, after which you will send the Financial support form IN ORIGINAL BY POST, directly to the Department coordinator at IIT.

DO NOT SEND ANY DOCUMENTS TO THE GRADUATE ADMISSION OFFICE NOR TO THE PROFESSORS, AS THEY DO NOT PROCESS RESEARCH APPLICANTS
INSTITUTES & SOME RESEARCH CENTERS
Institutes & Research Centers @Illinois Tech

➢ IIT Research Institute
➢ Institute for Food Safety & Health
➢ Pritzker Institute of Biomedical Science & Engineering
➢ Wanger Institute for Sustainable Energy Research (WISER)

RESEARCH CENTERS
Biophysics Collaborative Access Team (BioCAT)
Center for Accelerator & Particle Physics
Center for Complex Systems & Dynamics
Galvin Center for Electricity Innovation
Electric Power & Power Electronics Center
Center for Integrative Neuroscience & Neuroengineering Research
Center for the Molecular Study of Condensed Soft Matter
Center for Nutrition Research
Center for Processing Innovation
Medical Imaging Research Center
Center for Strategic Competitiveness
Center for the Study of Ethics in the Professions
Center for Synchrotron radiation Research & Instrumentation
Sustainable Transportation & Infrastructure Research Center
UNDERGRADUATE – EXCHANGE & VISITING PROGRAM FOR ETSAB-UPC

ILLINOIS TECH
Undergraduate Non-degree Visiting

Pre-selected by ETSAB-UPC

Recommended 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 or IELTS 6.5 or Duolingo 110+

Visa Type: J1 non-degree visiting & exchange
Undergraduate Application Procedure

IIT international undergraduate Application Form
https://www.iit.edu/admissions-aid/undergraduate-admission/international-undergraduate-students/international-visiting-and-exchange-students

➢ Exchange students – Home institution’s study abroad adviser to nominate you using the Illinois Tech study Abroad Nomination Form
➢ Apply online
➢ Submit official/certified copies of transcripts (university level) in English & the native Language
➢ Architecture students must submit a digital portfolio (8.5 x 11 inches page size)
➢ Official copy of English Proficiency – TOEFL or IELTS or Duolingo
➢ 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)
Cost for 1 Exchange student from ETSAB-UPC

- No tuition fee to IIT
- ETSAB-UPC Exchange student will pay the Mandatory and Other fees at IIT
- ETSAB-UPC Exchange student will be responsible for his/her living and other expenses
- Only applies at the Undergraduate level
- Dependent on number of exchange spots available
UNDERGRADUATE – VISITING

ILLINOIS TECH
## Non-degree Visiting students
(August 2021-May 2022)

<table>
<thead>
<tr>
<th></th>
<th>1 year</th>
<th>or</th>
<th>1 semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition (courses)</td>
<td>$48,670</td>
<td></td>
<td>$24,335</td>
</tr>
<tr>
<td>Illinois Tech Scholarship</td>
<td>-$20,000</td>
<td></td>
<td>- $10,000</td>
</tr>
</tbody>
</table>

**Cost due to IIT**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition (courses)</td>
<td>$28,670</td>
</tr>
<tr>
<td>Illinois Tech Scholarship</td>
<td>-$10,000</td>
</tr>
</tbody>
</table>

OR

**Cost due to IIT**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
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<td>- $10,000</td>
</tr>
</tbody>
</table>

### ADDITIONAL FEES:

Mandatory & Other fees ([https://web.iit.edu/student-accounting/tuition-fees/mandatory-and-other-fees](https://web.iit.edu/student-accounting/tuition-fees/mandatory-and-other-fees))

https://web.iit.edu/student-accounting/tuition-fees/current-tuition/main-campus-undergraduate

**Room & Board on campus**

**Room only** scholarship available of $2,500 per semester for admitted Exchange and Visiting students who choose to live in Illinois Tech on-campus residence halls.

_N.B.: New cost for August 2022-May 2023 will be posted in Feb/March 2021 on the Student accounting link below:_

https://web.iit.edu/student-accounting/tuition-fees/future-tuition/main-campus-undergraduate
### Current Mies Campus Undergraduate

**Tuition Rates 2021-2022**

<table>
<thead>
<tr>
<th></th>
<th>Full Time (12–24 credits) Per Semester</th>
<th>Part Time (fewer than 12 credits) Per Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admitted Summer 2021-Spring 2022</td>
<td>$24,335.00</td>
<td>$1,520</td>
</tr>
<tr>
<td>Admitted Summer 2020-Spring 2021</td>
<td>$24,335.00</td>
<td>$1,520</td>
</tr>
<tr>
<td>Admitted Summer 2019-Spring 2020</td>
<td>$24,335.00</td>
<td>$1,520</td>
</tr>
<tr>
<td>Admitted Summer 2018-Spring 2019</td>
<td>$24,191.00</td>
<td>$1,512</td>
</tr>
<tr>
<td>Admitted Summer 2017-Spring 2018</td>
<td>$24,191.00</td>
<td>$1,512</td>
</tr>
<tr>
<td>Admitted Summer 2016-Spring 2017</td>
<td>$24,191.00</td>
<td>$1,512</td>
</tr>
<tr>
<td>Description</td>
<td>Amount</td>
<td></td>
</tr>
<tr>
<td>---------------------------</td>
<td>---------</td>
<td></td>
</tr>
<tr>
<td>Activity Fee</td>
<td>$250</td>
<td></td>
</tr>
<tr>
<td>Student Service</td>
<td>$1,060</td>
<td></td>
</tr>
<tr>
<td>Health insurance</td>
<td>$1,896</td>
<td></td>
</tr>
<tr>
<td>New Student</td>
<td>$350</td>
<td></td>
</tr>
<tr>
<td>U-Pass</td>
<td>$310</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$4,116</strong></td>
<td></td>
</tr>
</tbody>
</table>

N.B.1: does not include any lab fees that may apply for certain courses or other course fees

N.B. 2: New cost for August 2022-May 2023 will be posted in Feb/March 2022 on the Student accounting link below: https://web.iit.edu/student-accounting/tuition-fees/future-tuition/main-campus-undergraduate
Undergraduate Exchange/Visiting for a semester/year
ETSAB- School of Architecture, UPC

Mail documents & updated transcripts to:
Office of Undergraduate Admissions
c/o Illinois Institute of Technology
101 Perlstein Hall
10 W 33rd Street
Chicago, IL 60616
USA
P: 312 567 3025
"If I have to describe my experience at IIT in one sentence, I would say that it was an eye-opening and truly rich experience. It was worth it and opened an horizon of opportunities for me."
Testimony from Mr. Javier Perez, of ETSII-UPM & IIT (MMAE 2008)

What is your current job position: Strategy Manager

Was attending Illinois Tech worth it?: Absolutely! The experience is worth the cost from a compensation point. Without Illinois Tech, I would have not been able to work in the USA.

Would you recommend this experience to others and why?: The job market is a very competitive one. You need to be able to differentiate yourself. Studying in the USA gives you that differentiation.

Compensation history:
- First year $50 + $10K
- Third year $65 + $10K
- After F1 OPT, and then several H-1Bs, I got my green card last year, 9 years after I arrived in the USA
Profesionales Espanoles en Chicago

Profesionales Espanoles en Chicago (PEC)
Founded by UPM alum – Javier Perez

Javier Perez – javierptg@gmail.com
Lazaro Sanchez – Laza.sanchez@gmail.com

https://www.pec-network.com/about-pec
Are You Ready to Start Your Journey in Chicago at Illinois Tech?

Contact: europe@iit.edu