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
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
• Master’s degree programs may be 30, 32 or 33 credits depending on the field of study/specialization
• Master’s degrees are either M.Eng, Master of __, or Master of Science (M.S.)
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 UPM –12 credits for the 1 –year Master**
- **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)
Fall 2021 Quick Facts

• Undergraduates: 2,890 students
• Graduates: 3,391 students
• Career Placement rate: 90.5%
Rankings and Recognition

• **#22** 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

• **#44** Best Value National Universities - *U.S. News & World report*

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

• **#1** in the Chicago region for Occupational Earnings Power – *The Brookings Institution*

• Accredited by the Higher Learning Commission *www.hlcommission.org*

*S. R. Crown Hall*
Designated a national historic landmark by the united states secretary of the interior
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
Campus Housing

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 2022-May 2023
https://www.iit.edu/housing/housing-options/housing-rates
Cost range: $7,871-$14,762 for the academic year

BOARD/MEAL RATES ON CAMPUS:
https://www.iit.edu/housing/dining-and-meal-plan/options-and-rates
Cost range: $1,832 - $7,564 for the academic year

Graduate students are NOT required to live in on-campus housing
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, ESEEIAT, FME)

• Universitat Politecnica de Valencia  
  (UPV – ETSA, ETSII, ETSIT, ETSICCP & ETSIAMN)

• Universidad de Seville – School of Engineering  
  *new –Faculty of Psychology

• ICAI-Universidad Pontificia Comillas, Madrid

• EIB –Universidad del Pais Vasco (UPV)
Departments at Illinois Tech for UPMadrid

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

**College of Computing**
Department of Information Technology & Management  
[www.iit.edu/itm](http://www.iit.edu/itm)
Department of Industrial Technology & Operations  
[www.iit.edu/intm](http://www.iit.edu/intm)
Department of Computer Science  
[www.iit.edu/computer-science](http://www.iit.edu/computer-science)
Department of Applied Mathematics  
[www.iit.edu/applied-math](http://www.iit.edu/applied-math)

**Lewis College of Science & Letters**
Department of Physics  
[www.iit.edu/physics](http://www.iit.edu/physics)
Department of Biology  
[www.iit.edu/biology](http://www.iit.edu/biology)
Department of Psychology  
[www.iit.edu/psychology](http://www.iit.edu/psychology)

**Stuart School of Business**  
[www.iit.edu/stuart](http://www.iit.edu/stuart)

**College of Architecture**  
[https://arch.iit.edu](https://arch.iit.edu)
RESEARCH AREAS AT THE IIT MMAE DEPARTMENT

- Autonomous Systems
- Design & Manufacturing
- Energy Storage & Conversion
- Fluid Dynamics
- Materials Science & Engineering
- Solids & Structures
- Thermal Sciences
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 just interested in M.Eng in MAE – not necessary to take the above courses – have different options
Some examples of IIT Master degree programs

M.S. Autonomous Systems & Robotics
M.Eng Artificial Intelligence, Computer Vision & Control
M.Eng Energy Systems, Energy Conservation & Building track
M.Eng Cybersecurity Engineering
M.A.S – Electricity Markets
M.A.S. – Data Science
Master of Computational Decision Science & Operations
Master of Applied Physics
M.Eng Computer Engineering in IoT............. MORE
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.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.A.S. Financial Technology (AM)

M.A.S. Technological Entrepreneurship (SSB)

M.P.P.A. – Master of Public Policy & Administration (SSB).....

LEARN MORE...
NEW MASTER OF FINANCIAL TECHNOLOGY (DEPT. OF APPLIED MATHEMATICS)

ILLINOIS TECH
- STEM Designation
- Focus on Financial Mathematics & Financial Modeling
- Incorporates blockchain technologies & decentralized finance
- Provides soft skills and knowledge for fintech entrepreneurship
- Average annual salary: 96K – 109 K
- Chicago is a growing fintech hub
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
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)

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
## A Few Examples of Job Opportunities & A Quick Google Search (Non-Scientific) of Annual Average Salaries in the U.S., Based on Fields of Study Offered by IIT’s Departments

<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>Interface developer</td>
<td>$75K</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>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>$146K</td>
</tr>
<tr>
<td>R &amp;D Product Engineer</td>
<td>$90K</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>Metallic Materials applications Engineer</td>
<td>$90K</td>
</tr>
<tr>
<td>Metallurgist</td>
<td>$89K</td>
</tr>
<tr>
<td>Mechanical Engineer</td>
<td>$83K</td>
</tr>
<tr>
<td>Air/Spacecraft designer</td>
<td>$85K</td>
</tr>
<tr>
<td>Information Research Scientist</td>
<td>$118K</td>
</tr>
<tr>
<td>Software Engineer</td>
<td>$113K</td>
</tr>
<tr>
<td>Bioinformatics Engineer</td>
<td>$130K</td>
</tr>
</tbody>
</table>
FEEDBACK FROM A UPM STUDENT WHO CHOSE THE APPLIED PHYSICS MASTER’S DEGREE PROGRAM

ILLINOIS TECH
What were your reasons for choosing Illinois Tech?
“Meet the American culture and trying to get a job here at some point”

What is your impression about the quality of teaching and content at Illinois Tech?
“Teachers are better than the ones I am used to have”

What is your impression of Chicago?
“It’s great, there is always something new to do (although a bit expensive)”

How are you managing with courses in English?
“English is not being a problem at all in understanding my courses”

What would you like to have known before coming to Illinois Tech that you would want to share with UPM students interested in studying at Illinois Tech?
“Can’t think of anything that surprised me too much”
ONLY FOR ETSIAAB-UPM departments of interest

ILLINOIS TECH
Department of Biology

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

Genetic therapy

Biomechanical trauma
Department of Food Safety and Nutrition

Master of Food Process Engineering  32 c.h.
Master of Food Safety & Technology  32 c.h.
Master of Food Safety & Technology with Specialization in Business ( 32 c.h.)
Master of Food Safety & Technology with Specialization in Industrial Management ( 32 c.h.)

9 credits of Business courses for Specialization in Business
Academic Calendar

SPRING 2023 SEMESTER
Begins January 9, 2023

FALL 2023 SEMESTER
Begins August 21, 2023
Important Application Deadlines

**FALL SEMESTER**
- Application: April 15
- Financial Support: May 31
- Intent to Enroll: July 1
- Deposit: Waived @Graduate level

**SPRING SEMESTER**
- Application: October 15
- Financial Support: November 1
- Intent to Enroll: December 1
- Deposit: Waived @Graduate level
Double degree Master

ILLINOIS TECH
PROCEDURE FOR THE DOUBLE DEGREE PROGRAM

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

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

TOEFL min. 90 ibt (NOT home edition) OR IELTS min. 6.5 (NOT home edition) OR Duolingo 110+ required (must request the testing organization to send your official score directly to Illinois Tech – See: https://www.iit.edu/admissions-aid/graduate-admission/international-students/application-requirements-and-checklist

(“English proficiency assessment upon arrival will be required for applicants who qualify for admission but who do not achieve the aforementioned overall score. For those who have taken the Duolingo and who have achieved a score of 110+ such students will still be required to take the English proficiency assessment for data collection purposes. They may be recommended to take an English course(s) depending on the results of the assessment”)

GRE general waived for Spring & Fall 2023 applicants https://www.iit.edu/admissions-aid/graduate-admission/international-students/application-requirements-and-checklist - “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 2023 semesters. We are no longer requiring students to submit GRE or GMAT scores for all master’s programs”

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

Final decision made by Illinois Tech
SELECTION & REQUIREMENTS

- Preselected by the specific school at UPMadrid
  Only preselected UPMadrid students may apply to Illinois Tech
  Preselection does NOT guarantee admission to Illinois Tech

- Field of study and Master’s degree program to pursue at Illinois Tech must be pre-approved by UPMadrid

- Official English proficiency score to be sent directly to Illinois Tech
  TOEFL ibt (NOT HOME EDITION) 90 ibt:
  or IELTS (NOT HOME EDITION) 6.5
  or Duolingo 110

- Transcripts certified in Spanish & in English of all courses completed at the Bachelor's level and Master's level including a certified proof in English of the Bachelors’ equivalent degree
- 1 or 2 letters of recommendation depending on the department
- Professional statement
- Application fee is waived for IIT Partner school pre-selected students
1st/Year

UPMadrid

2nd/Year

Illinois Tech

IIT Master’s degree

UPMadrid’s Master’s degree
1+1 Master

ILLINOIS TECH
1+1 PROGRAM – MASTER’S LEVEL

Applicable to students pursuing a 1-year Master at UPMadrid

Complete only the required courses at the Master’s level at UPMadrid

Complete the required UPMadrid’s 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

UPMadrid will validate the TFM only

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

UPMadrid-1 yr Master

2nd/Year

Illinois Tech

IIT Master’s degree with TFM

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

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

Completion of the courses for the Master’s at UPM: Trabajo fin de Master at Illinois Tech + Illinois Tech Master degree courses (1 year Master)

TOEFL min. 90 ibt (NOT home edition) **OR** IELTS min. 6.5 (NOT home edition) **OR** Duolingo 110+ **required** (must request the testing organization to send your official score directly to Illinois Tech – [See here](https://www.iit.edu/admissions-aid/graduate-admission/international-students/application-requirements-and-checklist)

(English proficiency assessment upon arrival will be required for applicants who qualify for admission but who do not achieve the aforementioned overall score. For those who have taken the Duolingo and who have achieved a score of 110+ such students will still be required to take the English proficiency assessment for data collection purposes. They may be recommended to take an English course(s) depending on the results of the assessment)

GRE general **waived** for Spring & Fall 2023 applicants

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

**Final decision made by Illinois Tech**
COMPARISON BETWEEN THE TWO PROGRAMS – DOUBLE DEGREE & 1+1 Master

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

2-year Master at UPM – complete the 2\textsuperscript{nd} year at Illinois Tech – eligible for 2-course transfer credit – must choose the Master that UPM 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 UPMadrid)

Both types may be eligible for a partial merit scholarship of 12 credits for the year
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

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
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
TRANSFER OF CREDIT
ELIGIBILITY FOR THE DOUBLE DEGREE MASTER’S PROGRAM

ILLINOIS TECH
Course credit transfer for UPMadrid for Engineering/Tech – Double degree program only – Engineering/Technology/Science

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

b) Can only choose 2 course equivalents i.e. 6 US credits or 12 ECTS (6 ECTS minimum for a 3 c.h (U.S.) course)

c) Courses must be Master level courses

d) Courses must be compatible in content and number of hours

e) Courses successfully passed (6.5 out of 10) for each 3 ch (U.S.) course equivalent
Course credit transfer for UPMadrid for the Illinois Tech Stuart School of Business programs

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

b) Can only choose 3 course equivalents i.e. 9 US credits or 18 ECTS (6 ECTS minimum for a 3 c.h (U.S.) course)

c) Courses must be **Master level** courses

d) Courses must be **compatible in content and number of hours**

e) Courses successfully passed (6.5 out of 10) for each 3 ch (U.S.) course equivalent
Tuition and Fees – August 2022-May 2023

Cost per Credit Hour: $1,646 (includes IIT Europe partner school students seeking any 1-year program offered by the Stuart School of Business ( NOT MBA)

Mandatory & Other fees additional

For additional info, visit https://web.iit.edu/student-accounting/tuition-fees/future-tuition/mies-campus-graduate
Tuition cost – example (Engineering/Technology)

Cost per Credit Hour: $1,646 (August 2022-May 2023)

Example if admitted to Illinois Tech:

32-credit hour Master $52,672

a) IIT Partner Alliance scholarship 12 credits = - $19,752

b) Eligibility for a 2-course (6 c.h.) transfer credit = - $9,876

(if approved by the department)

Tuition total applying a) & b) if admitted & approved = $23,044 for Engineering/Tech

N.B. - Cost may increase for August 2023-May 2024. Check the web link below for the new cost in Feb/March 2023.

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 2022-May 2023

<table>
<thead>
<tr>
<th>Item</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>$2,072</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>$200</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$4,442</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 2023-May 2024 will be posted in Feb/March 2023 on the Student accounting link below:
https://web.iit.edu/student-accounting/tuition-fees/future-tuition/main-campus-graduate
Tuition cost – example (Stuart School of Business)

Cost per Credit Hour: $1,646 (August 2022-May 2023) 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 $54,318

a) IIT Stuart School of Business scholarship 9 credits = - $14,814
   (or SSB scholarship)

b) Eligibility for a 3-course (9 c.h.) transfer credit = - $14,814
   (if approved for Engineering & Technology)

Tuition total applying a) & b) = $24,690 for Stuart School of Business only

N.B. - Cost may increase for August 2023-May 2024. Check the web link below for the new cost in Feb/March 2023.

For additional info, visit https://web.iit.edu/student-accounting/tuition-fees/future-tuition/stuart-school-business
<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>$2,072</td>
</tr>
<tr>
<td>New Student</td>
<td>$ 250</td>
</tr>
<tr>
<td>U-Pass</td>
<td>$ 310</td>
</tr>
<tr>
<td>Graduation App</td>
<td>$ 200</td>
</tr>
<tr>
<td>Professional Co-Curricula</td>
<td>$ 125</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$4,267</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 2023-May 2024 will be posted in Feb/March 2023 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 UPM)
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 UPM)
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 : 71,000 USD according to specialization

- PhD. (Doctorate) in the U.S. or elsewhere
- Work in Europe or elsewhere
Advantages/Benefits

New car = $25,000
Value when it leaves the showroom = -20%

Master's d'IIT : $25,000 (cost of Master's/courses)

Annual salary in the U.S. upon graduation = $65,000+ (on average) (+20%)
CERTIFICATE PROGRAMS (Non-Degree)

ILLINOIS TECH
Non-Degree online 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

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

   OR

- If admitted to the Illinois Tech Master’s degree for Fall 2023 (for example) and have decided to defer to Spring 2024 – may take 1 or 2 certificate courses in the preceding summer 2023 or Fall 2023 online
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
Pre-selected by UPMadrid
Names & email addresses provided to europe@iit.edu
Application deadline: Fall: June 1: Spring: November 1
Maximum of 15 credits in one year
Certificate program varies from 9 – 13 credits
Applicants may take one course per semester
Completion of Undergraduate degree and pre-requisites
Official English Proficiency – TOEFL 90 ibt, IELTS 6.5 or Duolingo 110
COST FOR THE CERTIFICATE PROGRAM – NON-DEGREE

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

May opt to complete the entire certificate program

OR

May take one or two courses in the certificate program at a 50% scholarship 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)
- Scholarship only applicable for courses offered in the certificate program (not pre-requisites) for current UPM students
Cost of the Certificate program (August 2022-May 2023)
@$1646 per credit hour

<table>
<thead>
<tr>
<th>Credits</th>
<th>Actual cost</th>
<th>50% scholarship</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>$14,814</td>
<td>$7,407</td>
</tr>
<tr>
<td>12</td>
<td>$19,752</td>
<td>$9,876</td>
</tr>
<tr>
<td>13</td>
<td>$21,398</td>
<td>$10,699</td>
</tr>
</tbody>
</table>

N.B.:
a) For partner school pre-selected student(s), a 50% scholarship will be offered per course (i.e. 3ch course = $4,938 @ 50% = $2,469), if the student chooses to take one or two courses in the certificate program that may apply to the Master’s program at Illinois Tech if the student wishes to pursue the DD program at Illinois Tech later

Or

b) 50% scholarship offered for the entire certificate program for pre-selected student(s) from UPM

N.B.: The New cost for August 2023-May 2024 will be posted in Feb/March 2023 on the Student accounting link below: https://web.iit.edu/student-accounting/tuition-fees/future-tuition/main-campus-graduate
RESEARCH AT ILLINOIS TECH
Selection by UPMadrid

Submit an application to Illinois Tech

Deadlines: 15 October (Spring)
15 February (Summer)

Research for 6 months– Registration fee of 3 credits ( $4938 – August 2022-May 2023 –Engineering/Technology)

No registration fee for a summer research project of 3 months (mid-May- mid-August)
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 via email 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

ILLINOIS TECH
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 – VISITING PROGRAM FOR ETSAM-UPM

ILLINOIS TECH
Undergraduate Non-degree Visiting for a semester/year for ETSAM-School of Architecture, UPM

- Pre-selected by ETSAM-UPM
- 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 90 ibt or IELTS 6.5
- Visa J1 non-degree visiting

No quota – any number of selected students may apply
Undergraduate Visiting student for a semester/year
ETSAM- School of Architecture, UPM

- 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 are eligible for a housing scholarship of 5K for the year (room only) if residing in on-campus residence halls
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 - Only applicable under the Ge3 consortium (engineering only)

- 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 semester of courses = $24,335

If admitted, *visiting student* qualifies for a scholarship of $10,000 for the semester

### Mandatory & Other Fees additional

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

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

<table>
<thead>
<tr>
<th>UPass Fee</th>
<th>$155.00</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Course Fees</th>
<th>View Rates</th>
</tr>
</thead>
</table>

VISIT: https://web.iit.edu/student-accounting/tuition-fees/current-tuition/main-campus-undergraduate
UNDERGRADUATE – EXCHANGE PROGRAM
ONLY FOR ENGINEERING - UPM

ILLINOIS TECH
Cost for 1 Exchange student from UPM via Ge3 consortium
( limited to engineering fields – 10 slots available)

- No tuition fee to IIT
- UPM Exchange student will pay the Mandatory and Other fees at IIT
- UPM Exchange student will be responsible for his/her living and other expenses
- Only applies at the Undergraduate level under GE3 program (limited to Engineering)
- Dependent on number of exchange spots available
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 - Only applicable under the Ge3 consortium (engineering only)

- 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)
## Mandatory & Other Fees – UNDERGRADUATE Level

**August 2022-May 2023**

<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>$2,072</td>
</tr>
<tr>
<td>New Student</td>
<td>$ 350</td>
</tr>
<tr>
<td>U-Pass</td>
<td>$ 310</td>
</tr>
<tr>
<td>Deposit</td>
<td>$ 300</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$4,342</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 2023-May 2024 will be posted in Feb/March 2023 on the Student accounting link below:
https://web.iit.edu/student-accounting/tuition-fees/current-tuition/main-campus-undergraduate
Undergraduate Visiting for a semester/year
ETSAM- School of Architecture, UPM

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
TESTIMONIALS

ILLINOIS TECH
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
OTHER TESTIMONIES & ACTIVITIES

https://elevate.iit.edu/experiences/category/competitions-outside-courses/ Elevate competitions

IIT alumna – Andy de Fonseca – rocket launch
https://www.youtube.com/watch?v=ybdx7wSjP_I
Are You Ready to Start Your Journey in Chicago at Illinois Tech?

Contact: europe@iit.edu