Présentation par:
Dr. Vanita Misquita Ph.D.
Director of Overseas Programs
Office of International Affairs
Illinois Institute of Technology, Chicago
iitparis@aol.com
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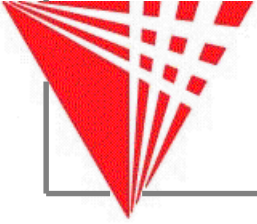
- **Illinois Institute of Technology:**

- **A Vibrant Campus**

- **In a Global City**
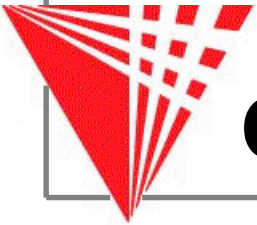
Chi – ca – go, Chi – ca – go!!

Facts about Chicago

Third largest city in the U.S. (8 million)

25 miles of lakefront

15 miles of bathing beaches

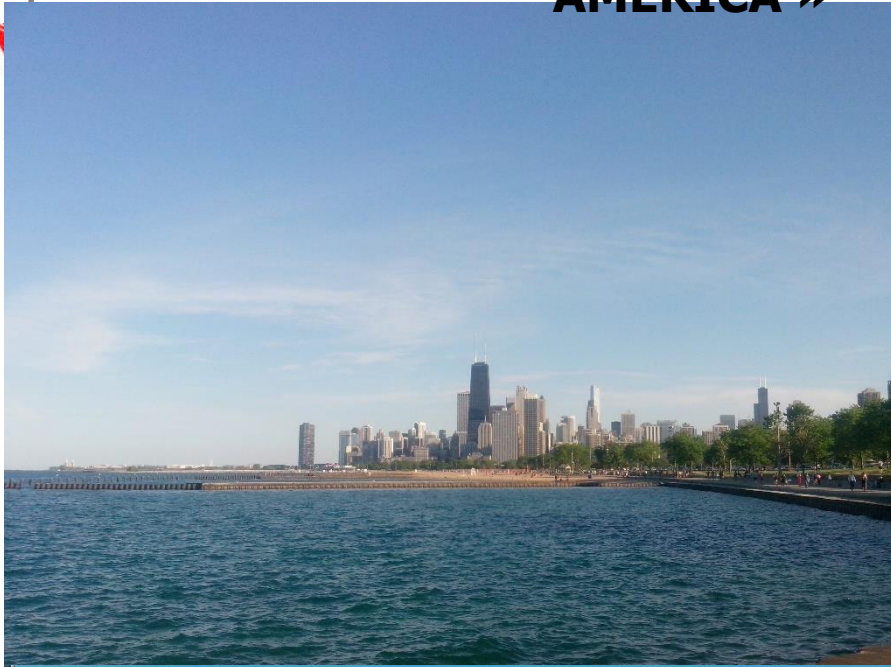**552 parks**

46 museums   **200+ art galleries**

7,000 restaurants

200+ theaters, 15 T.V. stations, 100 radio stations,

13 daily newspapers

THE CITY: « THE BEST KEPT SECRET IN AMERICA »

http://www.ensea.fr/en/page/fame-program

THIS IS Illinois Tech!

The Campus : A Historical Landmark
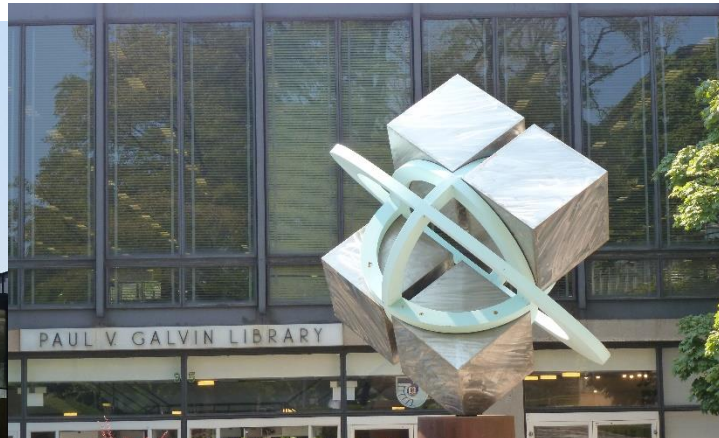
The Campus: The Kaplan Institute For Innovation and Tech Entrepreneurship   May 2018

Pourquoi étudier à IIT

- **Université réputée – inventions et innovations – portable, la bande magnétique, l'imprimante pour le code barre, hub national pour le SMART GRID, la technologie pour LED, membre de AITU (22 membres – www.theaitu.org)**

- **Le premier partenaire d'IIT – INSA Lyon- et le plus vieux 45+ ans**
  et maintenant IIT a 13 partenaires en France

- **Un des pionniers du double Diplômé en un an (12 mois) –niveau- Master - pour toutes les disciplines – avec le projet de fin d'étude inclus**

- **Bourse offerte par IIT (15,700 $) – pas de quota**

- **F1 visa – travailler aux Etats Unis pendant 12 mois + (STEM field 17 mois en plus) = 29 mois minimum**

- **Location – Chicago « 3eme plus grande ville aux Etats Unis » et la possibilité de travailler dans les 2 laboratoires célèbres – ARGONNE NATIONAL LABORATORIES et FERMILAB; 115 entreprises françaises**

Pourquoi étudier à IIT

- **Qualité de la recherche -→ plus de 30 Centres et Instituts de Recherche**
- **Etroite Collaboration avec Fermi Lab et Argonne National Laboratory (Chicago)**
- **A Distinctive Education:**

    Innovative thought, entrepreneurship, creativity and design with engineering theory, research, and practice
- **Retour sur investissement (Frais de Scolarité/Salaire médian après 10 ans)**
- **Chicago**

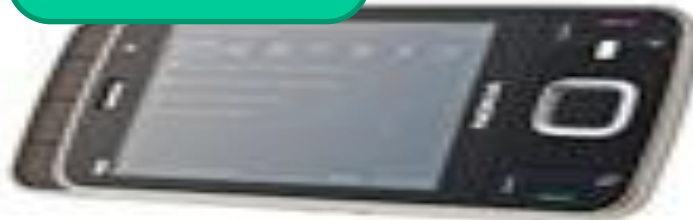# MAJOR IIT INVENTIONS BY ILLINOIS TECH'S ALUMNI (ANCIENS ELEVES)

Magnetic tape data storage

MAGNETIC TAPE
IIT Alumnus
Marvin Camras

CELL PHONE
IIT alumnus
Marty Cooper

BAR CODE
PRINTER
IIT
alumnus
Ed Kaplan

iBurst
ASSOCIATION

ArrayComm

Zebra

Illinois ... Technology

Some Research Centers @ IIT

- **Ubiquitous Security & Privacy Research Lab**
- **Electric Power & Power Electronic Center**
- **Future Networking Research lab**
- **Computational Design & Manufacturing Lab**
- **Medical Imaging Research Center**
- **Embedded Capacity & Signal Processing Research**
- **Electric Drives & Energy Conversion La**
- **Fluid Dynamics Research center**
     National Center of Excellence
- **Thermal Processing Technology Center**
- **Advanced Thermal & Environmental Systems Research Lab –(ATESR)**
- **Robotics Lab**
- **Wanger Institute for Sustainable Energy Research**
- **Particle Test & Crystallization Center**
- **Robert W. Galvin Center for Electricity Innovation**

Research @ IIT

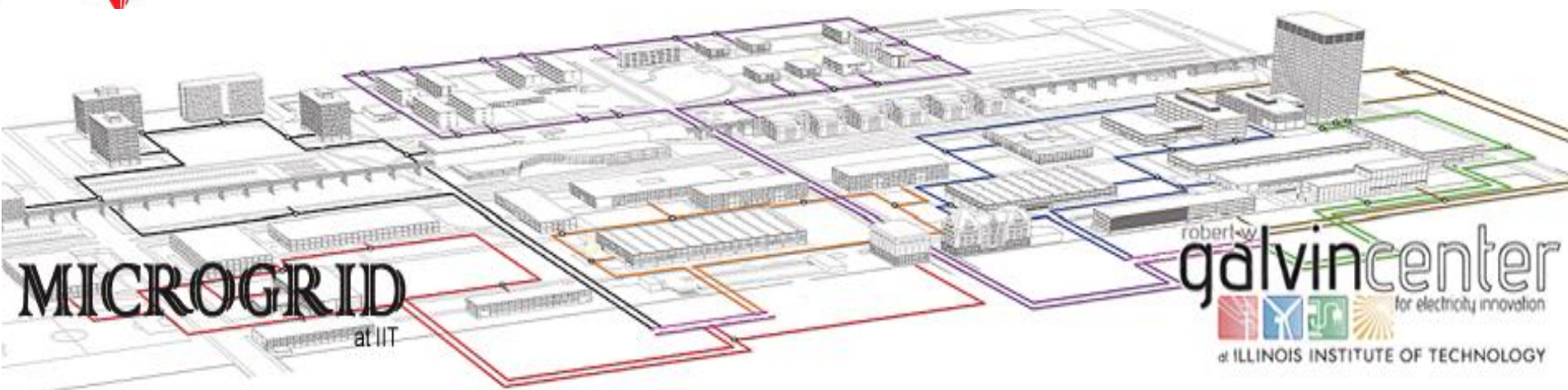**Collaboration with:**

- ❑ **Argonne National Laboratory**

- ❑ **Fermi Lab**

- ❑ **U.S. Department of Energy**

Some Research Centers @ IIT

IIT TODAY NEWS

➢ **Project with NASA to conduct satellite payload research using a high altitude balloon.**

➢ **IIT and Argonne National Laboratory $3.4 million grant to improve electric car battery.**

➢ **$2.9 million federal grant to Argonne National Laboratory and the Department of Civil, Architectural, and Environmental Engineering (transit systems in major cities and emergencies)**

➢ **Smart Grid - a $12.6 million project, supported by the U.S. Department of Energy and the State of Illinois**

Illinois Institute of Technology

Some Rankings

2016 U.S. News & World Report

➢ **Ranked 74th in the U.S. among best engineering graduate (Master's & Doctoral levels) schools**

http://grad-schools.usnews.rankingsandreviews.com/best-graduate-schools/top-engineering-schools/eng-rankings/page+3

2015-2016 PayScale

➢ **Ranked 14th in the U.S. for alumni with Master's degrees mid-career median salary**

http://www.payscale.com/college-salary-report/best-schools-by-type/masters?page=25

Ranked schools by Payscale with Master's degree – salary earnings potential
http://www.payscale.com/college-salary-report/best-schools-by-type/masters?page=25

IIT ranked 14th in the U.S. mid-career earnings

School	Rank	EC	Med
IIT	14th	$67,500	$119,000
Georgia Tech	33rd	$73,800	$111,000
Harvard U	72nd	$57,500	$101,000
U Michigan Ann Arb	72nd	$64,700	$101,000
Yale University	85th	$64,200	$100,000
U of Il at UrbanaC	95th	$57,900	$98,300

Key:

EC = Alumni with a Master's degree - Early Career median salary with 0-5 yrs experience

Med – Alumni with a Master's degree - Mid-Career median salary with 10+ yrs experience

Illinois Institute of Technology

Rank ▲	School Name	Degree Type	Early Career Pay ❓	Mid-Career Pay ❓	% High Meaning ❓
1	Stanford University	Master's	$83,400	$141,000	63%
2	Santa Clara University	Master's	$79,700	$140,000	53%
3	NYU Polytechnic School of Engineering	Master's	$70,200	$135,000	60%
4	Carnegie Mellon University (CMU)	Master's	$81,000	$131,000	47%
5	Massachusetts Institute of Technology (MIT)	Master's	$80,900	$130,000	49%

6		Bentley University	Master's	$65,000	$129,000	47%
7		Colorado School of Mines	Master's	$68,200	$127,000	61%
8		Stevens Institute of Technology	Master's	$73,000	$125,000	43%
9 (tie)		Princeton University	Master's	$67,700	$123,000	N/A
9 (tie)		United States Naval Postgraduate School	Master's	$89,800	$123,000	74%
11		Worcester Polytechnic Institute (WPI)	Master's	$71,100	$121,000	52%
12 (tie)		Clarkson University - Potsdam, NY	Master's	$67,200	$120,000	70%

Illinois Institute of Technology

12 (tie)	University of California - Irvine (UCI)	Master's	$67,900	$120,000	51%
14 (tie)	Illinois Institute of Technology (IIT)	Master's	$67,500	$119,000	59%
14 (tie)	Lehigh University	Master's	$67,700	$119,000	39%

Load More   See Full List

Earning a master's degree is a great intellectual endeavor, but before you enroll in a master's program, you should think about how it will affect your earning potential. This year, PayScale's 2015-2016 College Salary Report ranks master's degree programs at 372 universities across the country by how much their alumni earn. You can use this data to evaluate whether or not you should pursue a master's degree and where you should earn it.

Master's Degrees That Pay Off

www.payscale.com/research/US/School=Lehigh_University/Salary

Illinois Institute of Technology

PROGRAMMES AVEC l'INSA LYON

I :   DOUBLE DIPLÔME (12 mois) (Graduate - Master) – entièrement aux Etats Unis - pas de quota

II :   PROGRAMME DE RECHERCHE (Graduate-Master) – pas de quota

III: a)AUDITEURS LIBRES (1 ou 2 semestre(s) – Niveau –Undergraduate b)ECHANGE (1 étudiant par an) – Niveau -Undergraduate
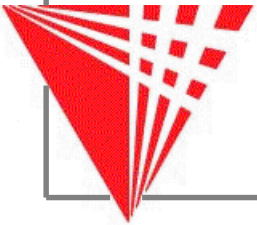
Double Diplôme (Ingénierie/Informatique)

1st/3rd Year

Grande Ecole

2nd/4th Year

Grande Ecole

3rd/5th Year

IIT
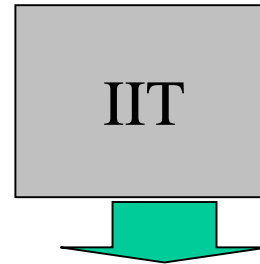
IIT Master's degree

Diplôme d'Ingénieur

MASTER'S DEGREE

➢ **Pre-sélection par votre école - obligatoire**
➢ **La décision finale faite par IIT**

Master's Degree =   30, 32 ou 33 crédits
(Chaque cours vaut 3 crédits
 i.e. 3 heures par semaine avec un professeur)
                e.g. 32 crédits = ~11 cours

Dispense de deux cours (cours Grande Ecole
validés par IIT)   =   moins 6 crédits

Master's à IIT pendant 1 an (2 semestres) =
   30/32/33 − 6   = 24/26/27 crédits
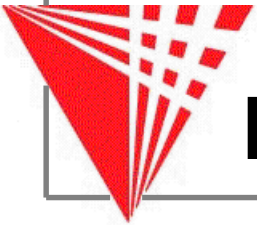
Departments @ IIT

Armour College of Engineering

Dept of Mechanical, Materials & Aerospae Eng

Dept of Biomedical Engineering

Dept of Electrical & Computer Engineering

Dept of Civil, Architectural & Environmental Eng

Dept of Chemical & Biological Eng

School of Applied Technology

Dept of Information Technology & Management

College of Science

Dept of Computer Science
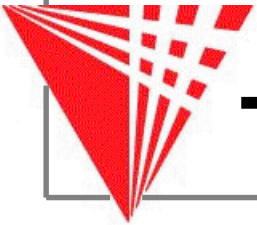
TOEFL or IELTS & GRE

IIT's test score requirements:

TOEFL minimum score 90 ibt

www.toefl.org

OR

IELTS – minimum score 6.5

www.ielts.org

AND

GRE – minimum score provided per department at IIT

http://www.ets.org/gre/

GRE General MINIMUM Requirements per department at IIT (Master's Level)

Department of Information Tech Mgmt
V+Q = 295 (151Q; 144V), A = 2.5

Department of Electrical & Computer Engineering
V+Q= 304 (159Q), A = 3.5

Department of Mechanical, Materials & Aerospace Engineering
V+Q = 298 (151Q), A = 3.0

Department of Civil, Architectural & Environmental Engineering
V+Q = 292, A = 2.5

Department of Chemical & Biological Engineering
V+Q= 292, A = 2.5

Department Of Computer Science
V+Q= 292/298 , A = 2.5/3.0

Department of Physics
V+Q = 304, A = 2.5

Master of Data Science
V+Q = 304, A= 2.5

Illinois Institute of Technology
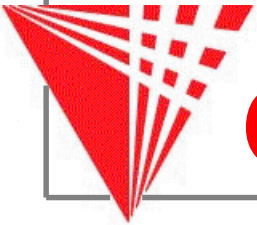
Calendrier academique

Semestre d'automne (Fall Semester)

Fin août – mi-décembre

(Date limite conseillée – 15 avril)

* * * * *

Semestre de Printemps (Spring Semester)

Mi-janvier – mi-mai

(Date limite conseillée – 15 octobre)

Web.iit.edu/registrar/academic-calendar

Double Diplôme (Ingénierie/Science) – IIT Coût – août 2015 – mai 2016

```
                    IIT
         Coût août 2015-mai 2016
```

2015-2016 26 c.h. $34,138	BOURSE 12 c.h. $15,756	2015-2016 Coût $18,382(€16,209)
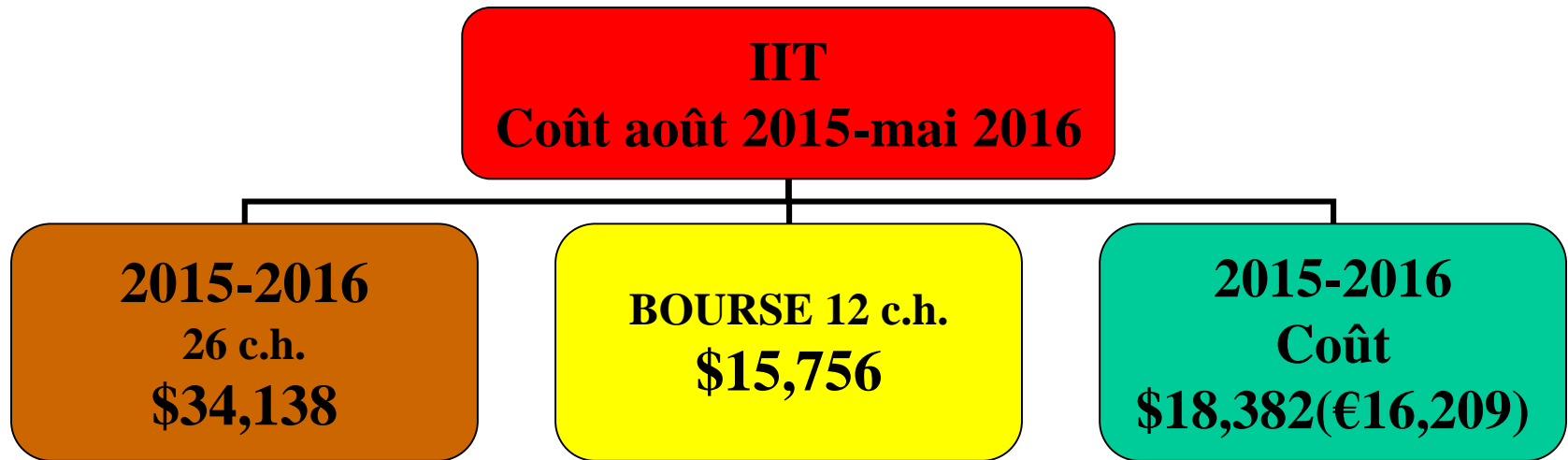
Autres Frais (Ingénierie/Science)

août 2015 – mai 2016

Assurance santé	**$1,439 par an ($120/mois)**
Service Fee	**$ 820 (par sem - $420)**
U-Pass (Transport)	**$ 270 (par sem - $135)**
Activity Fee	**$ 240 (par sem - $120)**
New Student Fee	**$ 100 (one time only)**
Graduation Fee	**$ 320 (one time only)**
Total	**$3,189 (1 an ou €2,812)**

Mise à jour – frais d'inscription en février 2016:

www.iit.edu/student-accounting/tuition-fees/curent-tuition/main-campus-graduate

Taux de change: 1.134 USD = 1 Euro (20/10/2015)

Les débouchés

Trois possibilités :

- **Travailler aux U.S.   (Visa F1)**

 Salaire net : $67,500

2. PhD

3. Rentrer en France

Programmes 2 :
La recherche (Stage d'été ou PFE)

➢ Pre-sélection par votre école – obligatoire
➢ Décision finale faite par IIT
➢ Identifier le projet de recherche avant de partir avec IIT et
   votre école – suivre la procédure d'IIT pour l'inscription

Si vous êtes accepté par IIT (cela n'est pas une garantie), vous pouvez
effecuter votre projet (Stage d'Ingénieur/Stage d'été) à IIT pendant 3 ou 6 mois

➢ Visa catégorie - J1 – short-term research scholar

➢ La date limite de dépôt de candidature:
   15 novembre (semestre de printemps)
   14 février (semestre d'automne)
    1 février (stage d'été)

➢ Frais d'inscription = 3 crédits = $3,939 (ingénierie/science/
   (coût août 2015-mai 2016) pour 6 mois

Stage d'été: Il n' y a pas de frais d'inscription pour le stage d'été

PROGRAMME 3a: Echange (1 ou 2 semestres)

Echange:

➢ **Limité 1 par an ou 2 par semestre**

➢ **Pre-sélection par votre école – obligatoire**

➢ **TOEFL 80 ibt ou IELTS 6.5**

➢ **Pas de frais d'inscription**

➢ **Logement et 'Mandatory & Other Fees ' à IIT, payé par l'étudiant**

➢ **Minimum crédits = 12 par semestre**

Illinois Institute of Technology
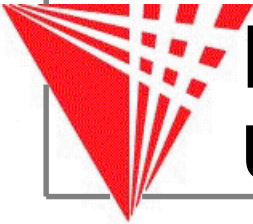
PROGRAMME 4b: AUDITEURS LIBRES - UNDERGRADUATE

1 ou 2 semestre

Pre-sélection par votre école –obligatoire

Niveau – Undergraduate

Frais d'inscription à payer

Bourse d'IIT si admis – 9,000 USD pour 1 semestre

TOEFL minimum 80 ibt ou IELTS 6.5

Date Limite: 15 avril (semestre d'automne): 1er novembre (semestre de printemps)

Cost of Attendance – Off-campus

Non-degree Visiting students (Auditeurs Libres)

(August 2015-May 2016)

	1 an	ou	1 semestre
Tuition	$42,000		$21,000
Scholarship	-$18,000		-$ 9,000
Cost due to IIT	$24,000 (€21,164)		$12,000 (€10,582)

(Room & Board if living off campus is at your own additional expense)

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

Taux de change: 1.134USD = 1 Euro (20/10/2015)

UNDERGRADUATE
Other Fees (August 2015 – May 2016)

Activity Fees	**$ 240**
Service Fee	**$ 840**
U-Pass	**$ 270**
Insurance Fee	**$ 1,439**
New student fee	**$ 325** (one time only)
Total	**$3,114** **(€2,746)**

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

Taux de change: 1 Euro = 1.134 USD (20/10/2015)

LOGEMENT (août 2015-mai 2016)

ROOM

° **Gunsalaus Hall – $7,168 une pièce meublée**
(~$797 par mois)
$8,728 une chambre meublée
(~$970 par mois)

° **Carman Hall - $6,454 une pièce meublée**
(~$717 par mois)
$8,728 une chambre meublée
(~$970 par mois)

BOARD (Meal Plans): $1,164 - $5,333 (9 mois)

Taux de change :   1 euro = 1.117USD (28/09/2015)

LOGEMENT
(août 2015- mai 2016)

En ville: ~ min. $900 (€397 -en co-location)
ou €794 (studio seul)

Taux de change: 1 Euro = 1.134 USD (20/10/2015)

Illinois Institute of Technology

Pour tous renseignements:

misquita@iit.edu ou iitparis@aol.com

Attention:
- ❖ **Merci de vérifier sur le site web d'IIT pour les mises à jour**

Master's degree

21 à 25 crédits   =   ~7 - 8 Cours

**1 à 5 crédits selon le département   =
  Projet de recherche**

24/26/27 crédits   =   Master's degree

La recherche - PFE

- ➢ **Projet de recherche avec un professeur à IIT dans un laboratoire**
- ➢ **Informer votre professeur de votre intention de faire un projet dès le début de l'année**
- ➢ **Vous commencez la recherche à <u>mi- temps</u> le semestre d'automne (mi-aôut –mi-décembre) et continuer le 2èm semstre (jusq'au mi-mai) ou commencez le semestre de printemps (Mi-janvier-Mi-mai) et plein temps de mi-mai – fin septembre/octobre *selon votre école***
- ➢ **La durée est entre 5-6 mois et l'étudiant doit identifier le sujet de la recherche à IIT**
- ➢ **Le nombre d'heures, et la durée doivent être spécifier par votre école et communiquer directement à IIT**
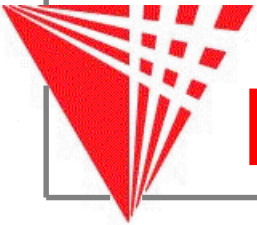
Liste de dispense de deux cours

ENSEA: **ECE 409, 415, 434, 441, 448, 475 ou 511**

ENAC: **ECE 403, ECE 437, ECE 502, ECE 511**

ESIEA: **CS 530, 532 ou 583**

INSA Lyon: **CS 532, CS 583, CAE 533 ou 551**

Grenoble INP: INTM 408, 502

ENSEIRB-MATMECA: CS 520, CS 542, MMAE 451, MMAE 520

EIVP: **CAE 518 & CAE 525**

INSA Strasbourg: MMAE 510, MMAE 525 ou MMAE 545

ISAE-ENSMA: MMAE 410, MMAE 444, MMAE 445,MMAE 452, MMAE 511, MMAE 525 ou MMAE 530

ENSTA Bretagne: MMAE 444, MMAE 445, MMAE 482 ou MMAE 541

Double diplôme - Master (Ingénierie/Science)

- **Sélection par la Grande Ecole ou l'établissement partenaire obligatoire**
- **TOEFL 90 iBT minimum ou IELTS 6.5 ou PTE 63**

admissions.iit.edu/graduate/apply/english-proficiency-requirement

- **GRE général**

admissions.iit.edu/graduate/apply/gre-requirements

- **Formulaire d'inscription(IIT Graduate International application**

https://myiit.force.com/OnlineApp/TX_SiteLogin?startURL=%2FOnlineApp%2Ftx_communitieshome

- **2 lettres de recommandation**
- **Bulletins de notes certifiés en anglais et en français (Sans Classes Prepas)**
- **Lettre de motivation (Professional statement)**
- **Un document equivalent à un Bachelor's de l'ENSEA certifié en anglais**
- **Date limite d'envoi conseillé:** 15 avril **(semestre d'Automne) et** 15 octobre **(semestre de printemps) ou le plus tôt possible**

admissions.iit.edu/graduate/apply/degree-seeking-checklist

Coût pour un étudiant d'une Grande Ecole en Ingénierie ou Science (Coût août 2015 – mai 2016)

Frais d'inscription pour un Masters (32 crédit heures) à I.I.T. ($1,313 par crédit) = **$42,016**

Dispense 6 crédits (2 cours) - $ 7,878

Bourse d'I.I.T.
(de 12 crédits) - - $ 15,756

Total à payer = **$ 18,382 ou €16,209**

(Taux de change: 1 Euro = 1.134USD 20/10/2015)

* (Les frais d'inscription va changer à partir d'août 2016)
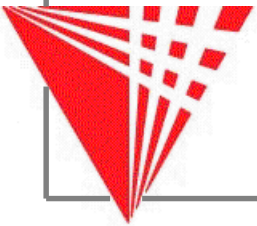
The GRE General Exam
http://www.ets.org/gre/

The exam comprises 3 sections:

1. **Verbal (multiple choice) 130-170 scale score**
2. **Quantitative (multiple choice) 130 – 170 scale score**
3. **Analytical (essay) out of 6**

Analytical score range 2.5 – 3.5/6

TOEFL OR IELTS (Ingénierie/Science)
(admisions.iit.edu/graduate/apply/english-proficiency-requirements)

Attention:

Merci de ne pas envoyer (upload/télecharger) vos bulletins de notes si vous essayez de repasser le TOEFL et/ou le GRE pour améliorer vos scores.

- **Students with an iBT OVERALL SCORE OF 90+ or IELTS score of 6.5+ or PTE score of 63+ may be unconditionally admitted (if all other elements meet IIT's admission requirements)**

- **Students with a TOEFL iBT score of less than 70, or IELTS less than 5.5 or PTE less than 53 will NOT be admissible**

- **Students with a TOEFL iBT overall score of 70 – 89, IELTS 5.5-6.0 or PTE of 47 - 62 will be required to take an assessment in each section that falls below the minimum score. TOEFL ibt for each section below 20, PTE below 53, IELTS below 6.5**

- **For updated information regarding the assessment exam please visit the PESL Assessment FAQs page**

admissions.iit.edu/graduate/apply/english-proficiency-requirements

Département de Génie Civil
(engineering.iit.edu/cae)

Master of :

- **Construction Engineering & Management**
- **Architectural Engineering (Génie Climatique ou Ingénierie du Bâtiment)**
- **Geoenvironmental Engineering**
- **Geotechnical Engineering**
- **Structural Engineering**
- **Transportation Engineering**
- **Public Works**
- **Environmental Engineering**

Master of Science in Civil Engineering
Master of Science in Environmental Engineering

N.B. - Le département a un programme doctorant
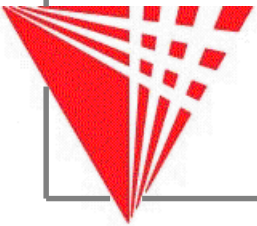
Département de Génie Electrique & Informatique (engineering.iit.edu/ece)

Master of Science in Electrical Engineering (32 c.h.)

Master of Science in Computer Engineering (32 c.h.)

Master of Science in Electrical & Computer Engineering (45 c.h.)

Master of Biomedical Imaging & Signals (30 c.h.)

Master of Electricity Markets (30 c.h.)

Master of Network Engineering (30 c.h.)

Master of Power Engineering (30 c.h.)

Master of Telecommunications & Software Engineering (30 c.h.)

Master of VLSI & Microelectronics (30 c.h.)

*Applicants for the double degree program recommended to choose among the Master of Science in Electrical Engineering or the Master of Science in Computer Engineering =32 c.h.

N.B. - Le département a un programme doctorant

Département de Génie Mécanique
(engineering.iit.edu/mmae)

Master of Engineering (<u>30 c.h.)</u> in:
- ➢ **Mechanical & Aerospace Engineering**
- ➢ **Material Science & Engineering**
- ➢ **Manufacturing Engineering**

<u>Centres de recherche</u>
Fluid Dynamic Research Center (fdrc.iit.edu)

Thermal Processing Technology Center (mmae.iit.edu/~tpc/)

Master of Science in Mechanical & Aerospace Engineering (32 c.h.)
Master of Science in Materials Science Engineering (32 c.h.)

N.B. - Le département a un programme doctorant

Département d'Information Technology et Management (appliedtech.iit.edu/itm)

1. Master of Cyber Forensics & Security (30 c.h.)

2. Master of Information Technology & Management (30 c.h.) with Specializations:

- Web Design   Systems Analysis
                    Management Information Systems
Digital Systems Technology   Data Center Operations & Mgmt
        Software Development   Systems Administration
Computer & Network Security Technologies   Data Management
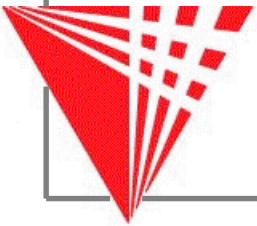Information Technology Management & Entrepreneurship
        Web Design & Application Development   Voice & Data Comm Tech

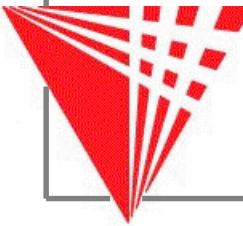*N.B. – Le departement n'a pas un programme doctorant*

Physique Appliquée
(www.iit.edu/csl/phy/programs/grad/ms_applied_physics.shtml)

Master of Science in Applied Physics (32 c.h.) for students with an Engineering background

N.B. - Le département a un programme doctorant

Département d'Ingénierie Biomedical (engineering.iit.edu/bme)

Master of Biomedical Engineering (30 c.h.)

Master of Science in Biomedical Engineering

(32 c.h.)

N.B. - Le département a un programme doctorant

Département de Génie Chimie (engineering.iit.edu/chbe)

- **Master of Chemical Engineering (30 c.h.)**
- **Master of Biological Engineering (30 c.h.)**
- **Master of Science in Chemical Engineering (32 c.h.)**

N.B. - Le département a un programme doctorant

Département d'Informatique
science.iit.edu/computer-science

Master of Data Science (33 c.h.)

http://iit.edu/csl/programs/professional_masters/ds_academics.shtml

- **Master of Science in Computer Science (32 c.h.)**

- **Master of Computer Science with different specializations (30 or 33 c.h.)**

Computational Intelligence	Finance
Cyber-Physical Systems	Business
Data Analytics	Networking & Comm

Database systems

Distributed & Cloud Computing

Education

Information Security & Assurance   Software engineering

N.B. - Le département a un programme doctorant

Département d'Informatique

La différence entre MCS et MS CS

✓ MCS -   plus appliqués

✓ MSCS

          - pour les étudiants qui veulent
            suivre un doctorat après
          - les étudiants peuvent suivre certains
   cours dans le programme MCS

Réputation-
Département d'Informatique à IIT

- **Parmi les 10 premiers aux Etats-Unis pour les Masters (Ref. Computing Research News)**

- **Plus grand et le plus ancien à Chicago (>600 étudiants)**

- **Recherche de renommée mondiale**

Undergraduate Application Procedure

° **IIT international undergraduate Application Form**

  http://admissions.iit.edu/undergraduate/apply/visiting-and-exchange-program

° **1 letter of recommendation**

° **TOEFL score of 80 iBT or IELTS score of 6.5**
  (Request the ETS to send your official score
  report directly to IIT Chicago. For TOEFL – IIT's
  Institution code is 1318)

° **Certified High school final exams results &**
  University course exam results in English and in the native
  language (where applicable)

° **Financial Affidavit of Support must be sent with the**
  application

° **One page CV/resume**

° **Copy of passport**

° **List of courses you'd like to take at IIT**
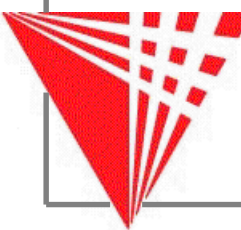
Mailing of documents – Undegraduate level:

Mail documents & updated transcripts to:

Office of Undergraduate Admissions

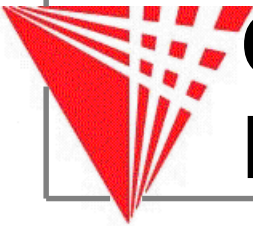**c/o Illinois Institute of Technology**

101 Perlstein Hall

10 W 33rd Street

Chicago, IL 60616

USA

P: 312 567 3025

On-campus Housing @ IIT Gunsaulus Hall

On-campus Housing @ IIT McCormick Student Village

Statistiques

- **Undergraduates**   **2,858**
- **Master's**   **3, 253**
- **PhD's**   **615**
- **J.D.'s**   **888**
- **Non-degree**   **236**

Total   **<u>7,850</u>**

Illinois Tech ANCIENS ELEVES

National Medal of Science & Nobel Peace Prize
Susan Solomon

Sam Pitroda Adviser to Prime Minister India

Stemgrimur Hermannsson Former Prime Minister of Iceland
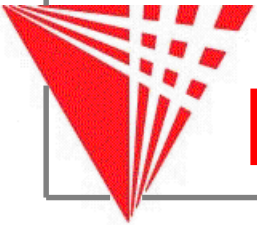
Former President of Lithuania Valdas Adamkus

Father of Cell Phone Martin Cooper

SR Cho, Chairman Hyosung Group

IIT graduates become leaders.

Illinois Institute of Technology

Partenaires en France (13)

En France
- **ENSEA, Paris-Cergy**
- **INP Group, Grenoble**
- **INSA, Strasbourg, INSA Lyon**
- **ESIEA, Paris/Ivry/Laval**
- **ENAC, Toulouse**
- **ISAE-ENSMA, Poitiers**
- **ENSEIRB-MATMECA, Bordeaux**
- **ENSTA, Brest**
- **EISTI, Cergy**
- **ESEO, Angers**
- **ESME, Sudria**
- **ESIGELEC, Rouen**
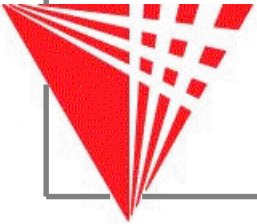
Illinois Institute of Technology

Membre de l'Association des Universités Technologiques Indépendantes

www.theaitu.org (22 membres)

I.I.T.   Carnegie-Mellon   CalTech

M.I.T.   Case Western Reserve …

MISSION OF THE AITU:

➢ **Recruiting the** <u>**best and the brightest**</u> **to member schools by promoting the liberating experiences and rewarding careers that a technology-oriented education offers; and**

➢ <u>**Fostering and advancing excellence**</u> **in engineering, science and professional education from K-12 onward.**

➢ <u>**Sharing ideas and best practices**</u> **to advance and inspire creativity, innovation and entrepreneurship** <u>**within the membership**</u>

Marty Cooper (Ancien élève d' IIT (B.S. EE 1950; M.S. EE 1957) Inventeur du téléphone portable
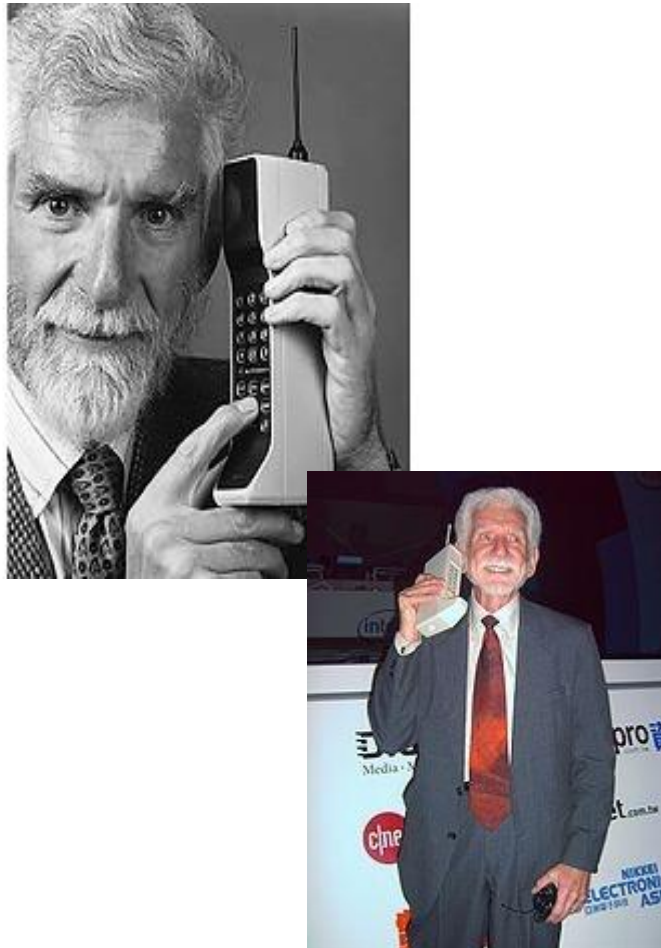
1st Cell Phone – 1973 (« The Brick ») –weighed 2.5 pounds!!
Named one of the best inventors of all time for his work on the first personal cell phone in the "Best Inventions of the Year" article in the October 30 Time Magazine 2007

2nd invention – A new wireless

Internet system called **iBURST**
that puts high-speed data transmission at your fingertips!!

Ed Kaplan (Ancien élève d'IIT) (B.S. ME 1965) Inventeur de l'imprimante du Code Barres

- **CEO and Chairman, Zebra Technologies**

- **Ed Kaplan, one of Chicago's most successful technology entrepreneurs, studied at IIT, where he graduated with a bachelor's in mechanical engineering**

- **At 26 years old, Kaplan he co-invented the Bar Code printer called the « Zebra » and also created the first thermal transfer printer to print barcodes directly on products**

Marvin Camras
IIT B.S. EE 1940; M.S. EE 1942
Inventeur de la bande magnétique

Born in Chicago in 1916, Camras was known to his family as an "inventor" by the age of five

In the late 1930s, Camras was studying electrical engineering at the Armour Institute of Technology (now **the Illinois Institute of Technology).**

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- Camras spent a fifty-year career at Illinois Institute of Technology, where he taught until 1994.

- By the time of his death in 1995, he had earned over 500 US and international patents for his work. He was inducted into the National Inventors Hall of Fame in 1985, and in 1990 he won the National Medal of Technology.

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Websites

IIT   **www.iit.edu**

TOEFL   **www.toefl.org**

GRE general   **http://www.ets.org/gre/**

IELTS   **www.ielts.org**

Pearson Test of English - www.pearsonpte.com

Illinois Institute of Technology