International Master of Computer Science (IMC)

« Computer Science for Intelligent Systems »
Master of Computer Science entirely taught in English, aims to train computer engineers with a specialization in «Intelligent Systems»

Intelligent Systems are connected, embedded and real-time systems that interact with their operational environment. These systems are often autonomous and have to perform complex computations such as image processing or data analysis.
Digital Imaging
- Image Analysis
- Computer Vision

Communication
- Networking
- Wireless Networks
- Internet of Things

Embedded Computing
- Real-Time Systems
- Embedded OS
- Computer Architecture

AI
- Machine Learning
- Data Analysis
- Robotics

Safety and Security
- Model Checking
- Synchronous Languages

Algorithmic
- Advanced Algorithms
- Optimization
- Graph and Algorithms

Intelligent Vehicle

Smart Home

Smart Camera

Digital Health
- 2 years: E4 first year, E5 second year
- Technical courses
- Management courses
- French courses
- 2 internships
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**Management Course**

**French Course**

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1 Students can replace this course by the course Introduction to Robotics
Students can choose other courses for 1, 2 and 3:
1 Functional programming with Scala
2 Internet of things
3 Deep Learning
Platforms

Real-time design and programming

Sensor Networks

Fieldbus

Control/Command

Maker labs

Virtual Reality Room

Robotics
First Year: 3 months internship

Second Year: 6 months internship

In a company or a research laboratory

Some of the companies in which our students worked or are working:

- Renault
- INRIA
- SEQUANS Communications
- PHILIPS Healthcare
- AREVA
- Dataimpact
- AKKA Technologies
- IQVIA
- Smile
- THALES
- SNCF
- Altran
- FICOSA
- ANSALDO STS
- PRAGMA DEV
- SAFRAN
- Worldline
- SQLI
- Digitale Performance
- SpinalCom
- QuintilesIMS
- ksilink
- Lifeaz
Job placement ESIEE PARIS Graduates

- Placement rate 2 months after graduation 95%
- 89% have found a job before graduating
- Average initial salary: 41200€

(Source: 2019 survey considering 2018 alumni)

**Various Domains**

- Digital Imaging
- Embedded Systems
- Artificial Intelligence
- Software Development
- Research
- Data Science
- Internet of Things
- Artificial Intelligence
- Data Science
- Internet of Things
Argentina, Afghanistan, Brazil, China, Colombia, Czech Republic, Germany, Guatemala, France, Lebanon, Mexico, Mongolia, Nigeria, Pakistan, South Africa, South Korea, Tunisia, Turkey, United States, Vietnam, India, Iran.

IMC student in the competition “Smart City Hackathon 2016”. His team won the first prize.

IMC student who won the prize of the best International Student during the graduation ceremony of 2016.
General Contact: intmaster@esiee.fr


Application (start 4th November 2019): https://webaurion.esiee.fr/faces/Login.xhtml

Deadline for Application:
- 10th June 2020 for non-EU residents
- 6th July 2020 for EU residents

Tuition Fees:
- First year (E4): 8100 €
- Second Year (E5): 8100 €