isep

École d'ingénieurs du numérique

CII
International Integrated Cycle

For high school graduates who passed their senior high school studies in science major (e.g. A Level, Huikao, French Baccalauréat…).

You have a passion for **international** experience and **new technology.**

ISEP engineering degree
is designed for you!

The digital technology at the service of mankind

- Big data and Artificial intelligence
- Telecommunications and connectivity
- Electronic and energetic optimization
- Cybersecurity

- Fully accredited at the European level
- No previous knowledge of French necessary
- Two 5-month internships, two semesters abroad
- Top rankings for job placement and salaries in France

A new way to become Engineer

A 3-semester program taught in English at Isep for english speaking students for 5 continents

FUNDAMENTAL SCIENCES: 30 ECTS CREDITS*

Mathematics
Engineering mathematics
Physics

TECHNICAL SCIENCES AND TECHNOLOGY: 30 ECTS CREDITS*

Software
signals & systems
Electronics project
Robotics project
A choice of further technical study

HUMANITIES:30 ECTS CREDITS*

Business
Economy
English and french (foreign students)
Second foreign language
Personal commitments

Classes of French and English are provided (no additional fees). B2 level in English is mandatory for the final degree.

*One ECTS stands for approximately 25 working hours which includes 15 supervised working hours and 10 personal working hours.

▶ An innovative pedagogy

To train competent engineers who meet the expectations of companies, **Isep** uses **the most modern teaching methods and tools**, such as:

- a robotics platform
- a physics laboratory
- a problem-based learning
- work in small groups on concrete projects
- opening to the professional world

The three semesters at ISEP are taught in English. Evaluation is carried out by continuous assessment of knowledge and skills.

And one semester abroad.

International experience, it's now

CII students benefit from an inductive and active teaching methods combining practice and theory.

After two years of creativity and basic engineering system courses, and a first international experience, students of CII program are ready for the Isep engineering cycle!

In the 2nd year of CII Program, one semester abroad*:
(equivalent to 30 ECTS)

- **Glyndwr Univ.** at Wrexham, Wales (UK)
- **Czech Tech. Univ.** at Prague (Czech)
- **ESPRIT University** at Tunis (Tunisia)
- **Inha Univ.** at Incheon (South Korea)
- **Beijing Jiaotong Univ.** at Beijing (China)
- **Huazhong Univ. Sci. Tech.** at Wuhan (China)
- **Transport and Communication Institute** at Riga (Latvia)
- **Huazhong University of sciences and technology** at Huazhong, China
- **Laval University** at Québec (Canada)**

FOR:
- Learning differently in science, technology and humanities
- Becoming independent
- Discovering other cultures

*List is subject to change.
** For French citizens only

Engineering cycle: three-year of high level training in the digital technology

A common curriculum is based on: Basic Sciences, Specialized Sciences and Humanities, then it is followed by 9 specializations for your career plan:

*Three specializations taught fully in English:

- **Software Engineering - Development** - for those who like to code.
- **Embedded Systems - Electronics** - for those who aim to design and secure the equipments in transport, aeronautics, energy, etc.
- **Wireless Telecommunications and IoT systems - Connected Objects** for those who are committed to help people to connect with things.

*Five specializations taught in French and partially in English:

- **Information Systems Engineer - Entreprises Computing** - for those who want to help businesses to be effective.
- **Data Intelligence Engineer - Artificial Intelligence** - for those who want to help leaders make appropriate decisions.
- **Digital Health Engineer - Image Processing** - for those who want to design diagnostic and therapy tools.
- **Engineer in Digital Security and Networks -** for those who aim to protect networks and personal data.
- **Innovation & Entrepreneurship** - for those who are wishing to create their own start-ups.
- **Ergonomics and Digital Interfaces** - for those who want to design user-friendly machines and improve man-machine interactions.

To apply digital technology at the service of mankind

Further opportunities:
- **2 compulsory long internships** in France or abroad,
- an additional **2nd semester** abroad: **150 partner universities on 5 continents**
- Possibilities of **double technical degree** and / or managerial degree in France and abroad.

ISEP is accredited by the French State (CTI accreditation) to deliver the engineering master degree, with full European recognition (EURO-ACE).

ISEP is a non-profit private higher education institution, under contract with the French State for its contribution to the National higher education and research system (EESPIG status).

- Graduate students in 2021: **384**
- Job placement: **100 %**
- 1st average salary: **45 046€**

1st ex-aequo private digital school in France: Ranked by "L'Etudiant Magazine" in 2021.

- **Technical** and **managerial** training
- **Enhanced international** experience
- 100% of Isep graduates are hired in less than 2 months after graduation
- A **rich** and **diversified** community life
- Junior Isep (one of Isep's best student association): **one of the best French Junior companies!**

▶ Admission

All the CII program admission information can be found at:

https://en.isep.fr/application-for-cii-program/

▶ 2022-2023 Tuition fee

- **CII (2-years preparatory cycle) :** 8 092 €/ year including the tuition fee of oversea semester (excluding travel and living cost)
- **3-year engineering cycle:** 9 600 €/year*

*The tuition fee may vary slightly each year. This is a reference for September 2022 intake.

www.isep.fr