



ECE

LA GRANDE ÉCOLE DE L'INGÉNIERIE NUMÉRIQUE



PARIS, LYON, BORDEAUX, RENNES

Founded in 1919 in the heart of Paris, ECE's mission is to train the engineers of the 21st century to meet the challenges of the dual digital and environmental revolution.

Thanks to a multi-disciplinary training program combining scientific and technical knowledge with other essential skills (management, communication, negotiation, languages), our students are prepared to innovate in both private and public organizations, in all sectors of the economy: energy, environment, health, aeronautics and space, automotive, railways, finance, etc.

Joining ECE means becoming an expert in digital engineering technologies (software, networks, embedded systems, cybersecurity, big data and AI, connected objects, blockchain, quantum computing, etc.) and implementing them while integrating economic, ecological, ethical and social issues in the service of progress.

◆ MAIN PROGRAMMES OF STUDY

Energies and Environnement
Health
Embedded systems
Aeronautics and Robotics
Cyber security
Big data and Analytics
Connected Objects, Networks and Services
Quantitative finance
Autonomous connected vehicles
Web development
Digital Business and Data
Cloud Native Engineering

◆ RESEARCH

Facilities (LACSC)
First research laboratory established at ECE. Created 10 years ago, its research topics cover a wide spectrum of computer science applications, mainly software and hardware.
Laboratoire des Interfaces Complexes et de l'Organisation Nanométrique (LICORNE) [Laboratory of complex interfaces and nano-metric scale organization]: brings together a group of ECE lecturer-researchers with physics and electronics backgrounds. Research on the formulation and synthesis of nanostructured materials and systems as well as on the characterization of their organization and structure and the properties obtained.
Laboratory of Applied Mathematics and Financial Engineering (FESAM): research activities around

Mathematical Modeling; Numerical Simulation and Financial Engineering.

◆ STRENGTHS

- The balance between scientific and technological training, active pedagogy through projects
- The number and quality of partnerships with companies
- The extent and quality of the international network of partner universities
- Our dynamic student associations
- Our efficiency in labor market outcomes for graduates
- Showcasing of all student projects in six areas: Innovation in partnership; Participation in competitions; Contributing to open source software; Publications; Patent filing; or Start-up launches. Program labeled "Initiative d'Excellence" in Innovative Training by the French government. [recognizing scientific and pedagogical excellence in higher education]
- Internships included in the curriculum
- Service dedicated to foreign students

◆ LOCATION

PARIS CAMPUS: Just a stone's throw from the Eiffel Tower, the Eiffel Campus is a central, modern campus ideal for lectures and seminars by French and international professionals, conferences and business meetings. It is a place not only for transferring skills, but where cultures from more than 40 countries mingle and students, professors, researchers and business professionals, share their experiences.

LYON CAMPUS: In the heart of Lyon, a few steps from the historic center, in the 7th district, stands a building that all the locals know, the Citroën garage. Built to be "the largest service station in the world", it has become an iconic Lyon landmark and now hosts the students of ECE Lyon. Labs, classrooms, a business incubator, lecture theaters, work and relaxation areas... The Lyon campus has all the infrastructures for a fulfilling student life!

BORDEAUX CAMPUS : It is in two emblematic places of the city that the OMNES Education students and, from September 2022, the students of the ECE Bachelor Program, are welcomed to study. On the banks of the Garonne, the campus extends over several sheds. Students can take advantage of rest and work spaces directly on the docks. Also located in the historic district of Les Chartons, students benefit from spacious and modern facilities. A total of 12,000 m² are proposed to the students of the OMNES Education Group and thus to the ECE.

RENNES CAMPUS : Ideally located at 10 minutes walk from the Rennes train station and covering a surface of 3 000 m², the Rennes Bretagne campus will seduce ECE students by its modern facilities, its warm furniture and its friendly spaces.



IDENTITY FORM

- ◆ Precise name of the institution
ECE
- ◆ Type of institution
Private
- ◆ City where the main campus is located
Paris, Lyon, Bordeaux, Rennes
- ◆ Number of students
4000
- ◆ Percentage or number of international students
10%
- ◆ Type and level of qualifications awarded
Digital license
(RNCP level 6 title)
6 Msc (Master Degree)
1 ECE engineering degree recognized by the CTI
- ◆ French language courses
Yes - Bachelor's
Msc
Master's of Engineering
- ◆ Programs for international students
Yes - BACHELOR'S DEGREES
-Frontend, Backend, Full Stack Developer
-IT and Cyber security
-Data Developer

MSC
-Management of Cybersecurity
-Data Management and Artificial Intelligence
-Sustainable Energy Futures
-Cloud Native Engineering
-Consultant SAP Augmenté

MASTER'S OF ENGINEERING
10 specializations
- ◆ Programs in English
Yes - MSC
-Sustainable Energy Futures
-Cloud Native Engineering

MASTER'S OF ENGINEERING
-In vehicle systems
-Energies and Environnement
-Information systems, Big Data
-Cloud Native Engineering
- ◆ Registration fees/year
(for information only)
Bachelor's: average. 8 590€/year
MSC: average. 10 740€/year
Master's of Engineering: average. 10 740€/year
- ◆ Postal address
CAMPUS PARIS : 10 rue Sextius Michel 75015

CAMPUS LYON : 27, rue de l'Université 69007

CAMPUS BORDEAUX : Hangar 18, Quai de Bacalan - 33 000 BORDEAUX

CAMPUS RENNES : 31 Rue Monseigneur Duchesne 35000

www.ece.fr


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