

ESIEE
AMIENS

#ENERGY #DIGITAL

*Graduate School
of Engineering*

www.esiee-amiens.fr



In brief

Founded in 1992, ESIEE-Amiens, Graduate School of Engineering prepares its students for a position in IT, Telecommunication Networks, Production Engineering, Electrical Engineering, Energy Efficiency for Buildings, and Sustainable Development. ESIEE-Amiens is accredited by the "Commission des titres d'ingénieur" to issue the engineering degree called "Diplôme d'Ingénieur". Moreover, ESIEE-Amiens is part of the ESIEE network, with ESIEE-Paris.

Studying at ESIEE-Amiens : 1 school in 5 years

In close relationship with the best industrial and university research centers, the ESIEE-Amiens team is particularly interested in the optimization of electrical engineering subsets, analysis of the integration of renewable energy sources within heterogeneous electrical networks and command techniques and geo-location of precision robots.

The 5-year Engineering Program

▪ The Preparatory Cycle (2 years)

The Preparatory Cycle provides students with a solid foundation in science and engineering sciences, and multidisciplinary understanding of the engineering profession to confront the realities of the business world through internships and projects. At ESIEE-Amiens, faculty members are present throughout the day to help the students work on their personal projects and answer questions outside of class.

▪ The Engineering Cycle (3 years)

After a preparatory class for the "Grandes Ecoles", a DUT, a BTS or a license, you can directly go into the 1st year of engineering studies at ESIEE-Amiens. Your first 2 years of study allow you to approach the world of the engineer and the training provided at ESIEE-Amiens helps you develop your professional project.

4 work-centred options



Electrical Engineering & Sustainable Development

- Electrical & Electronic Systems
- Control and industrial data
- Energy management

The aim of this option is to produce general engineers able to master new Electrical Engineering technology while taking into account the constraints of Sustainable Development.



Computer Networks & Telecommunications

- Networks
- Telecommunications
- Computer Systems

The aim of this option is to produce general engineers able to design, use, exploit, improve and secure a computer or a telecommunications network.



Advanced Manufacturing Systems

- Automation, Production
- Robotics
- Mechatronics

The aim of this option is to produce general engineers able to adapt to a variety of industrial sectors. They are given training which will allow them to adapt to the different technical positions offered by companies.



Energy Efficiency for Buildings

- Energy Efficiency of Housing
- Home automation, building automation
- New and Renewable Energy

The aim of this option is to produce engineers able to act right from the start of a building or renovation project, whether it be accommodation, offices, companies or for the service sector, in order to find an optimum techno-economic solution.

Key figures about ESIEE-Amiens

10 000 alumni in 2019 ▪ 30 full time lecturers and researchers ▪ 13 000 m² of premises ▪ 1 technology transfer center ▪ 1 academic research laboratory ▪ more than 30 agreements with overseas universities ▪ more than 100 agreements with big companies and SME ▪ 5 Research Masters in French or International Universities

Corporate network

Because the work of an engineer is becoming increasingly focused on innovation, ESIEE-Amiens is expanding its activities in Research and Development.

At the heart of a region of France that leads the way in the field of transport and logistics systems, ESIEE-Amiens has a partnership with EADS IW and STELIA AEROSPACE, cooperating in particular on robotic manipulation projects for the aeronautical industry.

At ESIEE-Amiens, students participate in these research programs through their technical projects. They can also experiment with project management techniques on real-life applications, such as management of embedded electrical energy, multiplexing video streams or even controlling a satellite dish.

Living in Amiens

Halfway between Paris and Lille (approximately an hour from both by train), Amiens is in a strong geographical position in the heart of North Western Europe. The city is the capital of the Picardy region, one which is rich in history and culture. Amiens is a dynamic, attractive and lively city, with a mixture of modern and historical architecture.

With theatre performances, exhibitions, concerts, and attractions at the "Maison de la Culture", "Comédie de Picardie" and the "Musée de Picardie", Amiens has an active cultural scene. Due to its rich heritage, the city has many hidden treasures to discover including the "Cirque d'hiver" and "les Hortillonnages" (floating gardens), not to mention the cathedral, which is a UNESCO World Heritage site.

Amiens is in close proximity to the motorway network, daily rail links and international airports. Its location also means that Amiens is near large industrial groups and tertiary sector activities. This contributes to creating a rich and varied fabric of companies, integrating management, development, production and Research and Development.



ESIEE

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danse théâtre festivals expositions cirque opéra théâtre musique danse cinéma

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