



Summer Research Immersion Programme

by Centrale Lille

Centrale Lille Institute of Technology

EMPOWERING TALENTS. ENGINEERING TRANSITIONS.

For over 170 years, **Centrale Lille** has been pioneering engineering science and technology education and research.

It currently comprises 4 different graduate engineering programmes, more than 15 master's degree programmes and PhD tracks offered through 3 different doctoral schools.

With more than **260 permanent faculty & researchers** and 150 administrative and technical staff, Centrale Lille is home to 2 200 graduate students and extends its research activities to **7 different research centres**.



Centrale Lille is entering a new era in 2025 with a new 10-year Strategic Plan designed to amplify its role as a key driver in the transformation of industries toward a sustainable future.



Programme Highlights

**8-10
WEEKS**

FROM MID-MAY
TO MID-JULY

**300
HOUR**

RESEARCH PROJECT
IN ONE OF OUR LABS

**15
ECTS**
ACADEMIC
CREDITS



French language classes
2hrs per week minimum



Guaranteed housing
on campus



Weekly half-day outings
in Lille and surrounding
area



Enrolment fee waiver
for students from
partner universities



Open to undergraduate
and graduate students

A unique **research immersion opportunity**

The research project consists of a two-month full time immersion supervised by Centrale Lille research faculty, with a hands-on approach.

Students conduct research activities in one of Centrale Lille's Research Centres in connection with their own interests and their university major.

Examples of previous projects (amongst other possibilities):

- Swarm Robotics: Design and control of a multi-robot system (terrestrial and aerial) for the detection, localisation and repair of cracks in the ground (**CRISTAL Research Centre**)
- Integration of a laser source suitable for caesium atom spectroscopy (**IEMN Research Centre**)
- Programming an FPGA (Field-Programmable Gate Array) to control a spectroscopy lab setup (**IEMN Research Centre**)
- Digital Twin: Validation and refining of digital twin model for McKibben artificial muscles (**INRIA Research Centre**)
- Bioengineering: Developing bio interfaces for fluorescence-based sensing for pharmaceutical



Welcoming International Students

Providing the **best possible experience to international students** is one of our priorities. We tailor our welcoming and induction arrangements to the specific needs of each individual in close connection with our International Student Unions (Club TIME & Welcome Club).

The Office for International and Academic Relations organises the arrival & pick-up at the train station or Lille Airport and offers permanent administrative support during the whole stay at Centrale Lille.

Students joining the Summer Research Immersion Programme will be accommodated in Centrale Lille's student residence, an affordable housing solution. **A special Arrival Kit may also be reserved beforehand**, which includes kitchenware, bathroom towels and linen.

Residence

International Students are hosted with other École Centrale de Lille's students at the **Léonard de Vinci Residence located 10 minutes walking distance from the school**. The residence offers a very friendly environment with regular events being organised all year long.

Students may choose between two types of flats: **individual studios** (circa 20sqm, incl. a bedroom, a kitchenette, an en suite shower room with toilets) **or 2-person flats** (circa 40sqm with two individual bedrooms, a common kitchen and a shared shower room with separate toilets).



FROM €289 TO €499
MONTHLY ALL CHARGES
INCLUDED

AN ARRIVAL KIT
IS AVAILABLE ON
DEMAND FOR A FEE

IN
ADDITION



**Bienvenue en France
Quality Certification**



Our commitment to providing high quality support and guidance to international students has been recognised at the highest level with the award of the Bienvenue en France 3* quality certification (2025-2030).

Photo @clubtime.eclille on facebook

Students testimonials



At Centrale Lille, my research professor gave me a lot of responsibility, but at the same time, all the resources I needed to learn anything I didn't know. Outside of research, Lille was truly the perfect city for cultural immersion and travel. I had plenty of opportunities to try food from the north of France, learn about and take part in cultural activities, speak French, and travel around Europe on the weekends. Any student would be lucky to take part in this amazing program!

Zahrah, 2024

The program gave me the opportunity to work directly with cutting-edge technology in a real photonics laboratory, developing both my engineering abilities and my confidence in a professional research environment. Outside of the lab, Lille was an incredibly livable city—rich in culture, history, and charm. Its central location also made it easy to explore not only other parts of France but also Belgium and the Netherlands.

Leyton, 2025

The research was genuinely very interesting, and I learned a lot of hands-on skills that will definitely be very useful later on in my life. Not only that, but the trips we were taken on and my adaptation to living in France taught me a lot about the culture of the country. I would highly recommend this program to my peers.

Brooke, 2024



Culture, Tourism and Social activities

Welcoming and cheerful, Lille is a vivid city and a great place to live. The city boasts a rich architectural, industrial and cultural heritage with a great abundance of peculiar places and plenty of activities of all kinds.

Cultural animations, artistic and sporting events come in succession all year long, allowing people to discover the various aspects of the city and its vicinity.

The well-earned reputation of friendliness granted to people in Northern France makes Lille a very festive place where you can enjoy a richness of pubs, restaurants, theatres and concert halls.

The whole Hauts-de-France region enjoys **a remarkable diversity of beautiful landscapes:** farmland, sand dunes, endless beaches, white chalk cliffs, forests, former coal mines sites, industrial cities, state-of-the-art buildings, you name it! And, as those who live here know very well, we do have beautiful weather in North of France too!

Lille is well connected with the rest of France and Europe with two train stations, an airport and numerous highways. Paris is just one hour away by train and it will only take you one hour driving to reach the coastline. The French Riviera and South of France are also a stone's throw from Lille by plane.



The Programme includes **social activities with students and weekly half-day outings in Lille** and surrounding areas. Examples of previous years: Encuentro Chocolate Factory, Bruges Old Town (Belgium), Courtrai Historical City (Belgium), Calais, the Louvre Museum in Lens, La Piscine Museum, Lille Museum of Fine Arts, Villa Cavrois, etc.



For more information on this programme, contact the office for International and Academic Relations : pole.ria@centralelille.fr

<https://centralelille.fr/en/international/venir-etudier-a-centrale-lille/>

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