ENSCL
Graduate School

CHEMICAL ENGINEERING
for a sustainable world

centralelille
ENSCL

‘Centrale Lille is an institution offering the environment, advantages, and all the resources you need to build your professional project.’

Emmanuel Duflos,
Director-General, Centrale Lille

Become a CHEMICAL ENGINEER

for a sustainable world

Since 1894, over 4,000 have graduated from the École Nationale Supérieure de Chimie de Lille (ENSCL), which provides a multidisciplinary chemistry education.

Its students gain solid knowledge and skills in materials science; formulation; sustainable chemistry and processes; and catalysis—as well as languages; social sciences; organizational, project, and cost management; and business. This broad education makes an ENSCL graduate a responsible engineer and a perfect fit in today's industrial world.

The school's partnership with internationally renowned research laboratories keeps students abreast of scientific and technological innovation.

Diverse career paths in a multitude of industrial sectors are open to ENSCL engineers. They occupy key positions in fields such as chemistry, pharmacy, cosmetics, paints, polymers, energy, metallurgy, environmental remediation, waste processing, and the production of biobased materials from agriculture.

An easily accessible European hub, Lille is a pleasure to experience. Please don't hesitate to join us: our doors are open!

Rose-Noëlle VANNIER
ENSCL Director

OUR VALUES

Boldness: Dare fearlessly and advance through exploration.
Excellence: Transcend your limits, giving your best.
Respect: Be conscientious and considerate.

OUR MISSION

To train multidisciplinary engineers and doctors of engineering who drive progress through innovation and integration with the global community.

OUR VISION

To serve the future by developing new talent; to contribute to true well-being while upholding social responsibility, for a better world; and to pass on tools to help resolve life's.

DIPLÔME D'INGÉNIEUR CONTRÔLÉ PAR L'ÉTAT

Cti Commission des titres d'ingénieur

'Ingénieur diplômé de l'École Nationale Supérieure de Chimie de Lille, de Centrale Lille Institut'

ENSCL students are CENTRALE LILLE students

An environment of high quality and excellence

An institute of higher education and research

2118 students

371 staff members

Centrale Lille is a public professional institute in science and culture operating under the auspices of the **French ministry of higher education, research and innovation**. It is accredited by the Commission des Titres d'Ingénieur or CTI (French body for accrediting schools and training in engineering) to award four engineering degrees at Master's level. It also awards doctorates. Centrale Lille is part of the Ecoles Centrale group and member of the Gay-Lussac Federation.

Four research themes that are cross-disciplinary with an international scope and a societal dimension

Fundamental and applied research strengthen the school's reputation at home and abroad, making it a prominent actor in research at the service of the economy.

- **Energy**—furthering the energy transition in areas such as sustainable energy production; smart grid management; green, integrated transportation; home automation; and reduction of vehicle fuel consumption through the study of turbulent flow.
- **Digital**—rising to major challenges in areas such as data science, robotics, artificial intelligence, data security, mainframe control and monitoring, and industrial automation.
- **Health**—engineering for health via theranostics (personalized medical diagnosis and treatment), health system organization, hospital logistics, the study of the mechanical properties of soft tissues, and more.
- **Environment**—helping grow the biobased economy through the development of solutions such as sustainable and fire-resistant materials, and catalytic processes that exploit biomass derivatives and CO2 for the biorefineries of tomorrow.

Research professors and instructors directing studies in 4 engineering schools, 16 master's degree programmes, and 2 doctoral programmes

ÉCOLE CENTRALE DE LILLE	ENSCL	IG2I	ITEEM	MASTERS/ DOCTORAT
Student	Student	Student/Apprentice	Student	Student
Following a Grandes Écoles preparatory course	Following a Grandes Écoles preparatory course	Post-baccalaureate, or post-baccalaureate with two years in higher education	Post-baccalaureate	Bachelor's degree / Master's degree
General training.	Chemical Engineer	Engineer for intelligent and interconnected systems	Engineer manager entrepreneur	17 masters courses, 6 of which are taught in English
The school is part of the Écoles Centrale group	Member of the Gay-Lussac Federation		In partenship with SKEMA Business School	Two doctoral schools.
ecole.centralelille.fr	enscl.centralelille.fr	ig2i.centralelille.fr	iteem.centralelille.fr	centralelille.fr

Research laboratories

Centrale Lille research professors contribute to research conducted at 8 Lille-based laboratories:

- **CRIStAL**, UMR 9189, Lille Research Centre in Computing, Signals and Automation
- **IEMN**, UMR 8520, Institute for Electronics, Microelectronics and Nanotechnology
- **LMFL**, FRE 2017, Lille Fluid Mechanics Laboratory
- **L2EP**, EA 2697, Lille Laboratory for Electrical Engineering and Power Electronics
- **LaMCUBE**, FRE 2016, Multiscale and Multiphysics Mechanics Laboratory
- **PAUL PAINLEVE**, UMR 8524, Paul Painlevé Mathematics Laboratory
- **UCCS**, UMR 8181, Unit for Catalysis and Solid-State Chemistry
- **UMET**, UMR 8207, Materials and Transformation Unit

Centrale Lille is also partnered with four 'associated international laboratories' (LIAs): the Energy and Environment laboratory (France and Brazil), LICS (France and Russia), MATSUCAT (France and India), and NANOXCAT (France and Japan). The Franco-Russian LICS laboratory, created and backed by Centrale Lille, has been showcased by the CNRS as a model of cooperation with Russia.

Outstanding experimental and analytic infrastructure

Our research and services provided to industrial firms rely on:

FOUR FACILITIES AWARDED THE EQUIPEX LABEL FOR EXCELLENCE

REALCAT (high-throughput catalyst screening), Leaf (flexible electronics), Excelsior (nanocharacterization), and IrDIVE (interactive digital visual environments), all funded through the French government's Investissements d'Avenir R & D programme.

13 TECHNOLOGICAL FACILITIES AND EXPERIMENTAL PLATFORMS

MEMS and HF Characterization, Distributed Energy, FIRE-RESIST, Casting, HT-SMARTFORMU, Health Engineering, PPTS, Optical Metrology (MEOL), Micro-Nano Fabrication, Electric Mobility and Electricity Generation, UPCAT, Wind Tunnel Experimentation and Microfluidics (CONTRAERO), and X-Ray Microtomography (ISIS 4D)

2016 UNESCO Medallist

Philippe Pernod, Centrale Lille Research Director, is the first French winner of a UNESCO Medal, which he received for his contribution to the development of nanotechnologies.

Three years to become a CHEMICAL ENGINEER

Core curriculum

ENSCL engineering studies cover **the major fields of chemistry to equip you with the scientific and technical skills essential to the work of a chemical engineer.**

This scientific training is complemented **by modules in organizational, project, and production management; law; marketing; industrial security; sustainable development; and other areas.**

We seek to widen your horizons and develop your soft skills.

Modern languages also play an important role in the education of ENSCL engineers, who **must study two or three and spend a period of at least three months abroad** as part of their programme.

Each year, students must complete a company internship that allows them to apply their knowledge and skills in a professional setting.

TECHNICAL AND SCIENTIFIC SKILLS

#analytical chemistry
#organic chemistry
#physical chemistry
#chimie minérale
#catalysis #polymers
#chemical engineering
#material sciences
#formulation chemistry
#recycling
#sustainable chemistry

Choosing a major in your second year

During your eighth semester of postsecondary studies (fourth semester at ENSCL), you will customize your curriculum by **choosing one of the following majors**: **Sustainable Chemistry and Processes for Industry, Formulation Chemistry, or Optimization and Reliability of Materials.**

During the third year, you may decide to further specialize in these areas or personalize your programme.

Personalizing your final year

ENSCL lets you further customize your curriculum by spending some or all of your third year off campus.

You may opt for **a year of specialized studies at one of the 20 member schools of the Fédération Gay-Lussac.** Alternatively, you can **study abroad for one semester at an ENSCL partner schoo**l, and you may elect **to pursue a master's degree in chemistry in addition to your engineering degree.**

It is also possible to acquire more professional experience through a **work-study contract.** Finally, by continuing for a fourth year, ENSCL lets you enrol in a **double-degree programme** that places you in a partner school in France (IFP School) or abroad (Brazil, Germany, Japan, and USA).

A quarter of all ENSCL graduates go on **to pursue a doctorate.**

Active learning and content adapted to the needs of industry

From the start, everything is aimed at putting students **in charge of their education.**

During laboratory sessions, multidisciplinary projects, and internships, you will always **be joining theory to practice and learning how to work in project mode.**

To this end, ENSCL develops serious games and makes on-campus **modular work spaces** available for use by students.

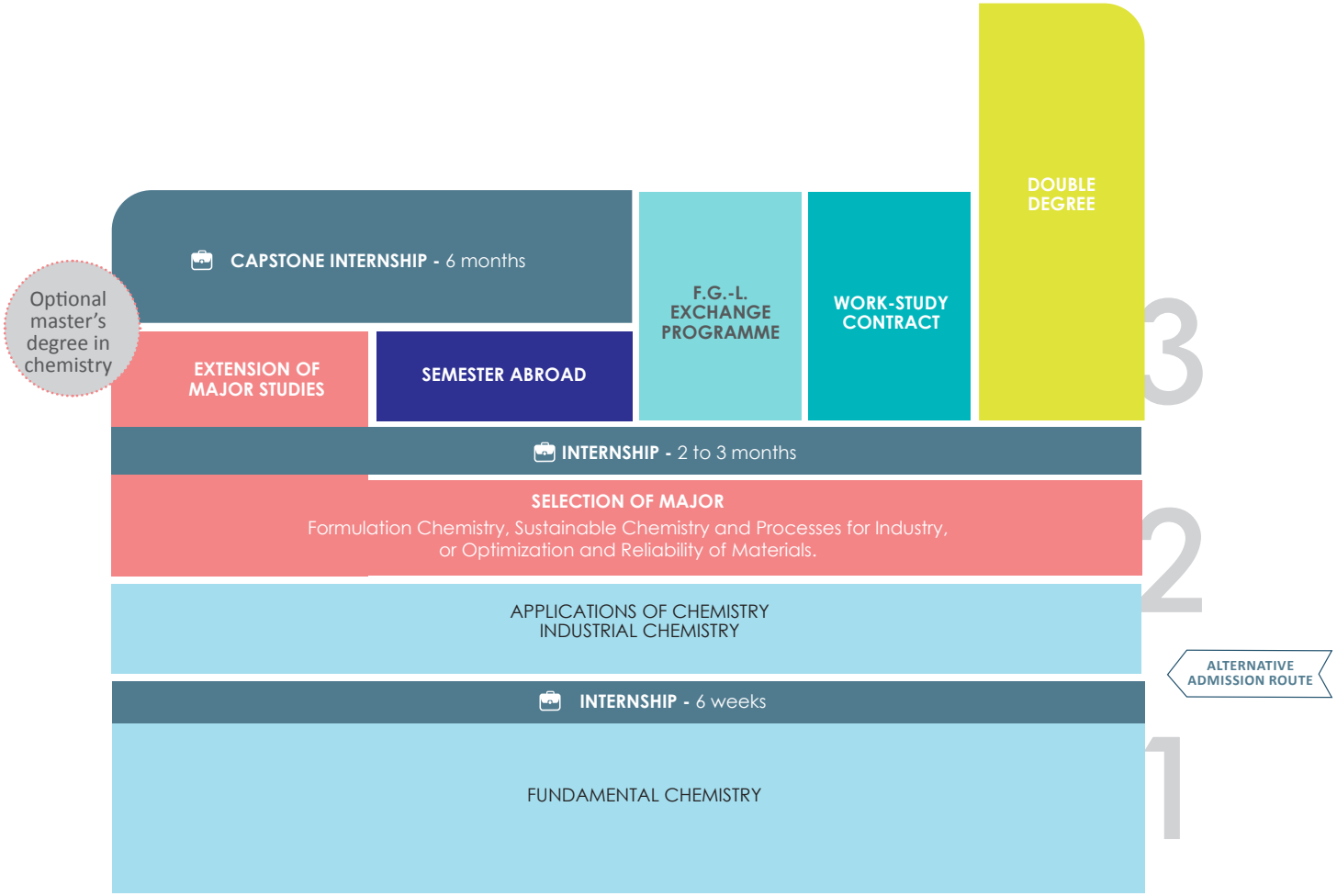
A campus learning centre offers access to many on-site and online resources covering multiple disciplines.

All of these tools and activities permit you to develop soft **skills greatly valued by companies, including autonomy, curiosity, creativity, and team spirit.**

300 HOURS
OF LABORATORY WORK

204 HOURS
ON PROJECTS

10 MONTHS
OF INTERNSHIPS



THREE MAJORS for specialization

During your eighth semester of postsecondary studies (fourth semester at ENSCL), you will choose from one of the following majors.

MAJOR: Formulation Chemistry

THE CHEMISTRY OF MIXTURES

Learn **to develop and optimize** formulations for cosmetics, paints, inks, detergents, fragrances, fuels, glues, and concretes.

Apply your theoretical knowledge and understanding of complex physicochemical phenomena to mix raw materials that are often otherwise incompatible in order to obtain stable, macroscopically homogeneous finished products with defined end-use properties.

Master the selection of product ingredients based on your understanding of their physicochemical and functional properties as well as mechanism of action, while adhering to the technical, regulatory, financial, safety, and environmental constraints set by the specifications.

#cosmetics #colloids #surfactants #emulsions

Employment sectors

Chemical industry (manufacture of detergents, fragrances, pigments, stabilizers, cosmetics, paints, inks, glues, and other products).

Student perspective

'Having become interested in chemistry in high school, I decided after finishing postsecondary preparatory studies in physics and chemistry to go to a school for chemical engineering. I settled on ENSCL because of its formulation chemistry major. To round out my studies, I completed the Master of Formulation Engineering and Chemistry programme, which is offered through a partnership with the University of Lille, though the classes are all held on campus. I chose to pursue this master's degree for the coursework in cosmetics, the field in which I would like to complete my capstone internship.'

Marine G.,
third-year engineering student

MAJOR: Optimization and Reliability of Materials

DESIGNING THE MATERIALS OF TOMORROW

Materials surround us: metals, glasses, ceramics, plastics, and composites. These materials must have certain properties—they must be tough or light, for example—and hold up under harsh conditions, e.g., rain, cold, heat, temperature variations, or fire.

The materials major learns how **to develop solutions for problems that arise in the industrial use and manufacture of materials.**

You will discover and **optimize their properties and behaviour** using cutting-edge digital and analytic tools.

MAJOR: Sustainable Chemistry and Processes for Industry

CHEMISTRY FOR A SUSTAINABLE WORLD

As the sustainability transition lies before us, **industry is confronted with energy and environmental imperatives** for which the chemical engineer must provide solutions.

Sustainable Chemistry majors learn how to propose alternative resources (based on waste and biomass) that are more sustainable than those now being used.

They also now how **to make current industrial processes cleaner through comparative studies and optimization that reduces their environmental impact.** Finally, they learn innovative methods for treating polluted air, water (urban and industrial), and soils.

The goal is to give you the skills **to build the chemical industry of tomorrow.**

Employment sectors

Energy, environment, water, engineering firms, chemical industry

Student perspective

"I found out about ENSCL when looking for a programme that would allow me to pursue my studies while leaning towards sustainable development. I was interested by the environmental challenges faced by companies, and the Sustainable Chemistry and Processes for Industry major lets me acquire the skills I need to put forth solutions."

Aurore J.,
third-year
engineering student

Employment sectors

Energy, construction, metallurgy, automobile manufacturing, aeronautics, and chemical industry.

#materials of the future #surface finishing
#materials reliability

Student perspective

"After two years of postsecondary preparatory studies, attracted by chemistry, I came to ENSCL. After three semesters of core courses surveying all aspects of chemistry, I chose to specialize in materials science.

I am completing my capstone internship at Verescence, the world's leading manufacturer of glass bottles for cosmetics and perfumes, and starting to realize the advantage of having acquired skills in both chemistry and materials through my ENSCL education."

Guillaume C.,
third-year engineering student

Other **third-year** options

Gay-Lussac Federation exchange programme

ENSCL belongs to the Fédération Gay-Lussac, which unites all 2**0 French chemistry and chemical engineering schools**. You can choose **to spend your third year in another school within the Fédération**—such as Chimie ParisTech or the EPCM in Strasbourg—to follow a specialized chemistry track not offered by ENSCL.

Fédération Gay-Lussac
20 écoles de chimie

Find out more at **www.20ecolesdechimie.com.**

Work-study contract

Third-year engineering students may opt for a **12-month** work-study contract, through which they become employees of a company and are assigned two advisors:

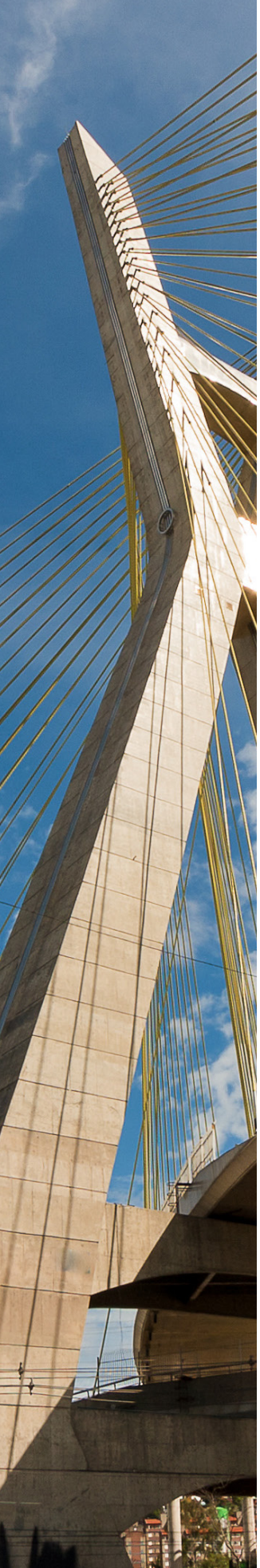
- A company advisor, tasked with facilitating the student's integration into the company and explaining the student's responsibilities there
- A school advisor, who provides guidance and ensures that the responsibilities assigned by the company advisor are aligned with skills the student must have acquired in order to graduate

WORK-STUDY PROGRAMME SCHEDULE

September 1 to February 28:
Every week: 3 days at ENSCL + 2 days in company
During school vacation periods: Full-time employment in company
March 1 to August 31:
Full-time employment in company

PAY

The pay of work-study programme participants is a function of age and skill level. For individuals 21 to 25 years old, it is 80% of the French minimum wage (SMIC), unless a higher amount is formally agreed to.



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DOUBLE-DEGREE PROGRAMMES

Double degrees

IN PARTNERSHIP WITH SCHOOL ABROAD

ENSCL students can enrol in **double-degree programmes** through which **they may earn an ENSCL engineering degree and a degree from a partner institution.** Participating students complete two years of coursework at ENSCL and two years at the selected university abroad.

GERMANY
- Universität Regensburg

BRAZIL
- Escola Politecnica de Universidade de Sao Paulo
- Universidade Federal de Uberlândia
- Université Federal do Amazonas
- Université Fédérale du Minas Gerais

CANADA
- Université de Sherbrooke

UNITED STATES
- The University of Toledo

JAPAN
- Doshisha University, Kyotanabe

IN PARTNERSHIP WITH IFP SCHOOL (FRANCE)

ENSCL engineering students can earn a double degree by attending the IFP School during an 18- to 22-month period. **Located in the Paris region, the IFP School is an engineering school specialized in energy innovation and sustainable mobility.**

IFP SCHOOL

Professional and academic EXPERIENCE

Core international component

As an ENSCL engineering student, you must spend **a period of at least three months abroad**. This international experience develops your capacity to adapt through exposure to new cultures and practices. It also prepares you for the international dimension of your career, whether you will be working in France or abroad.

ENSCL maintains an extensive partnership network linking it to universities and firms around the world. We will help you find the right fit for you internationally, through an exchange or double-degree programme, or within a company or laboratory.

Semester abroad

Our students have the possibility of **completing their ninth semester of postsecondary studies (fifth semester at ENSCL) at a partner university in Europe or elsewhere.**

PRESTIGIOUS ACADEMIC PARTNERS

Doshisha University (Japan), NTNU (Norway), Escola Politécnica da Universidade de São Paulo (Brazil), Universität Regensburg (Germany), University of St Andrews (UK), and more.

Doshisha University · NTNU Norwegian University of Science and Technology · University of St Andrews · Universität Regensburg · Escola Politécnica da USP

81 ACADEMIC PARTNERS

36 COUNTRIES

Erasmus+

ENSCL is a signatory of the European Commission's Erasmus+ charter, through which university students and professionals can spend time at other institutes abroad.

WHICH DESTINATION WILL YOU CHOOSE?

- Germany
- Algeria
- Argentina
- Austria
- Belgium
- Brazil
- Bulgaria
- Canada
- China
- Colombia
- Croatia
- Danemark
- Spain
- USA
- India
- Ireland
- Italia
- Japan
- Hungary
- Malta
- Morroco
- Mexico
- Norway
- Netherlands
- Peru
- Poland
- Portugal
- Czech Republic
- Romania
- United Kingdom
- Sweden
- Switzerland
- Taiwan
- Thailand
- Ukraine
- Venezuela
- Vietnam

Trilingual engineers

At the ENSCL, students must take two languages: English (Language 1) and either **German or Spanish** (Language 2). They may also optionally study a third language (Language 3): **Japanese, Portuguese, Italian, or Dutch.**

To be awarded an engineering degree, students must demonstrate a certain level of English proficiency, as determined through a recognized third-party examination (i.e., ≥785 on the TOEIC or ≥550 on the TOEFL).

20% | **OF GRADUATES WORKING ABROAD**

100% | **OF GRADUATES WERE ABROAD FOR A PERIOD OF AT LEAST THREE MONTHS**

10 months of internships to form your professional plans

Internships are integral to ENSCL engineering studies. Each year, students discover professional life in a company and **deploy the knowledge and skills they acquire** through their coursework. They must spend a total of at least ten months interning in France or abroad. Internships are crucial to preparing you for the work world and better understanding the needs of companies.

First year

STAGE D'EXÉCUTION ENTRY-LEVEL INTERNSHIP (≥6 WEEKS)

Between mid-June and early September

Your first internship exposes you to the reality of the industrial world. It lets you anticipate the interpersonal and organizational dimensions of your future engineering career. While on this internship you must contribute to some operational task.

Second year

INDUSTRIAL INTERNSHIP WITH RESPONSIBILITY (2 TO 3 MONTHS)

Between mid-June and early September

During this internship, you are assigned responsibility over a specific task. You will become more autonomous, expand your scientific knowledge, and become familiar with project management.

Third year

CAPSTONE INTERNSHIP (6 MONTHS)

Between early-March and late September

This fundamental internship will have you assuming the role of engineer with wider responsibilities. Through it you will develop your capacity for initiative, your sense of duty, and your autonomy, and you will be applying your technical, scientific, interpersonal, and managerial skills and knowledge.

RENOWNED INDUSTRIAL PARTNERS

Anios, ArcelorMittal, Arkema, Baudelet, Comus, Coventya, L'Oréal, Oleon, Orano, Roquette, SEDE Environnement, Saint-Gobain, Croda, Legrand, Verescence, and others.

PROFESSIONAL INTEGRATION

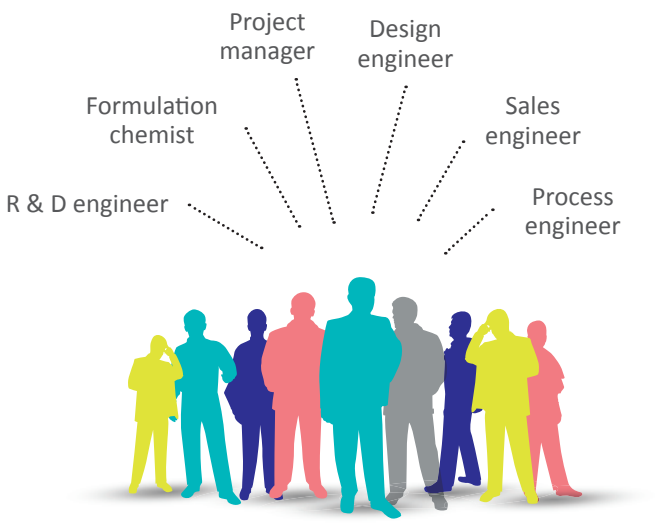
Your professional and personal project

Throughout your studies, during internships, and by reflecting personally and meeting other people, you will be defining your personal and professional project, one that matches you and your aspirations.

In addition to completing a module on personal and professional plans, focused on job-seeking, **ENSCL offers each student tailored guidance through its Bureau d'Aide à l'Insertion Professionnelle (BAIP), or career services office.**

During their first year, students are each assigned an advisor who is a member of ENSCL teaching staff. Advisors help students shape their professional plans and find internships.

To strengthen ties between students and the professional world, **the BAIP organizes company visits during the first and second years. In addition**, engineering students attend several employment fairs throughout their time at ENSCL: Centrale Lille's Forum Rencontre; Forum Entreprises, bringing together ENSCL partners; Forum Carrières, organized by the alumni association; and of course, Forum Horizon Chimie, held each year in Paris.



ENSCL CHEMICAL ENGINEER: ONE INDUSTRIAL VOCATION, MANY PROFESSIONS

ENSCL engineers are active in all branches of industry. While the chemical, cosmetic, and pharmaceutical industries are the biggest employers, there are also career opportunities for our engineers in the energy, environmental, water, food processing, and metallurgical industries, among others.

Our graduates' skills and capacity to innovate and contribute to a sustainable future lead them to pursue a wide range of professions, in areas such as research and development, quality, production, safety, marketing, consulting, regulatory affairs, and management.

Snapshot: Class of 2019

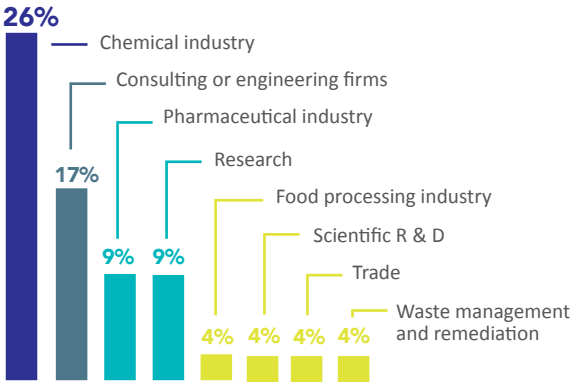
95% hired before or less than 2 months after graduation

5% hired 2 to 4 months after graduation

GROSS ANNUAL SALARY

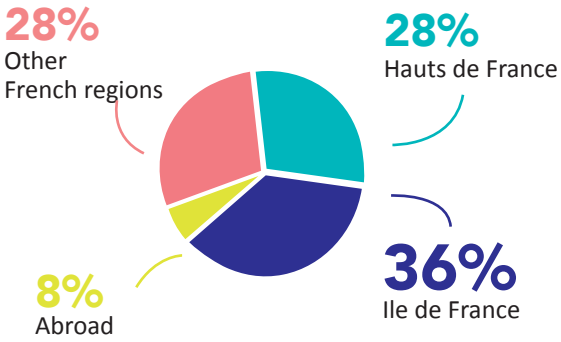
€ 35 000€

EMPLOYMENT SECTORS



Source: CGE survey of 2019 graduates four months after leaving ENSCL

LOCATION



Alumnus perspective

'I currently work at MANE, a company specialized in the production of raw materials for flavouring agents and fragrances, where I did my capstone internship. Before graduating, I landed a short-term contract to participate in the construction and commissioning of a new plant in India. Upon the successful conclusion of this assignment, I joined the company's design office.

Now I am in charge of major construction and renovation projects, and I manage a multidisciplinary team. My chemistry education allows me to support my colleagues in the design of new facilities for synthesizing, distilling, or mixing.

The path I have taken shows that an ENSCL education offers many career opportunities, because the interpersonal and technical skills acquired at the school allow you to promptly take initiative and adapt to different environments.'

Antoine G., Class of 2017,
Design Office Assistant Manager • MANE

ADVANCING PROFESSIONALLY TOGETHER

A dynamic alumni network !

The ENSCL alumni network helps students and graduates transition to the professional world through promoting job and internship offers, organizing afterworks and Career workshop.

THE CAMPUS AND THE LILLE METROPOLITAN AREA

110 000
STUDENTS

You have access to many facilities on campus: a learning centre, four dining halls, sports facilities, and a health centre.

Nearby you'll also find a swimming pool, shopping centre, restaurants, and cinemas.
The city of Lille is part of the larger Lille European Metropolis (MEL) and is centrally located between Belgium, Germany, Luxembourg, the Netherlands, and the United Kingdom. **It is a major economic and cultural hub of northern Europe.**

Hauts-de-France ranks third among French regions in terms of number of businesses, size of workforce, and investments, and second for the number of corporate head offices. Northern France is home to 50 companies that are world leaders in their respective fields.

Lille is a dynamic metropolis with a young population, including over 110,000 students. **No surprise then that half of its population is under 30.**

A festive and welcoming place, MEL offers residents a flourishing cultural scene. Here you will find everything you need **to enjoy an unforgettable student experience.**

GETTING HERE

ENSCL is on the Villeneuve-d'Ascq science campus.

15 minutes from downtown Lille, near the Cité Scientifique metro station (Line 1).

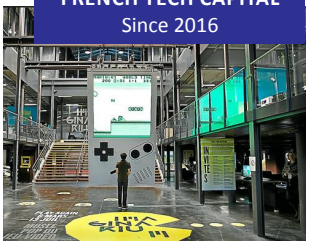
GETTING AROUND

To get you from point A to point B, the Lille metropolitan area is served by an excellent network of metro, bus, and tram lines managed by Ilévia, and fares are very attractive. You can also grab a V'Lille bicycle, with or without a membership.

CITY OF ART AND HISTORY
SINCE 2004

CIT'ERGIE
Since 2013

FRENCH TECH CAPITAL
Since 2016



WORLD DESIGN CAPITAL
In 2020

HOUSING

There are **six on-campus student dormitories**, managed by the regional student services administration (CROUS). Each year, students requesting dormitory housing must submit an electronic application at *www.crous-lille.fr.*
There are also many private housing options within MEL.

EFFERVESCENT EXTRACURRICULAR SCENE!

ENSCL has **nine student extracurricular activity divisions** that energize extracurricular life by organizing many events throughout the academic year. Into sports, singing, music, games, or travel? **There's an activity for everyone.**

The sports division schedules weekly meetups for futsal, volleyball, basketball, badminton, handball, and other sports—and even cheerleading! It also organizes special events like **orienteering races, interclass tournaments, and ski weekends.**

The sustainable development division oversees numerous activities and events during the year, including the distribution of bags of fresh produce, sustainable development week, waste management, donation collections, and the action citoyenne ('civil deed') performed during the student orientation weekend.

Chimie Lille Études is a student club that is operated **as a small business**. It offers companies its chemistry research and analytic services.

Find all student clubs and activities in the Alpha brochure.

Student perspective

'In a school of human dimensions where most students join a club in the middle of their first year, it is easy to find one's place and participate in various group activities: sports or art, humanitarian actions or just plain fun!

By being a member of a club, you help breathe life into the school community, participate in special events, and invite others to do the same, while strengthening bonds with fellow students and enhancing your own skills.'

Allan R., second-year student, BDE (Student Activities Office) Chairman

GETTING INTO ENSCL

The ENSCL engineering degree is awarded after three years of study, which follow an initial two years of postsecondary studies.

Half of our students are admitted on the basis of their results on an entrance exam.
Thirty percent of ENSCL engineering students were **admitted after completing the Fédération Gay-Lussac's Cycle Préparatoire Intégré** (integrated preparatory studies).

Students may also be admitted to the first year of engineering studies after earning a DUT (2-year technical degree), BTS (technical training certificate), or bachelor's degree, or completing the ATS programme (1 year of postsecondary preparatory studies in chemistry)

Those who have completed a year of master's degree programme studies (Master 1) may be admitted to the second year of engineering studies.

CYCLE INGÉNIEUR DE L'ENSCL

ENTRANCE EXAM	ACADEMIC PERFORMANCE	DEGREE - ACADEMIC PERFORMANCE
PC 40 spots BCPST 5 spots MP 2 spots TPC 1 spots	27 spots	DUT 5 spots Licence 5 spots BTS 1 spots ATS 2 spots
Postsecondary preparatory classes (CPGE)	Fédération Gay-Lussac Cycle Préparatoire Intégré Clermont-Ferrand, Lille, Pau, Rennes, Strasbourg	Short programmes or university degrees

Baccalauréat général à dominante scientifique

Number of spots in 2020 (for illustrative purposes)

Student perspective

"'After two years of postsecondary preparatory studies in physics and chemistry at Berthollet High School in Annecy, I decided to go to ENSCL because it is a chemical engineering school that provides a broad education while allowing you to specialize during the third year. It is just the right size and there are not too many students each year, which permits genuine interactions with professors and other students. I would also add that Lille is really a nice place to be and offers many opportunities for travel as it is truly a European crossroads.'"

Emma B., second-year engineering student

TUITION

Tuition is set each year by ministerial decree. By way of illustration, **it was €601 for the 2020–2021 academic year.** Students with scholarships or work-study contracts are exempt from tuition fees.

ADMISSION REQUIREMENTS IN DETAIL

CONCOURS COMMUN INP (INP COMMON ENTRANCE EXAM)

Information, registration (in December and January), and dates online at www.scei-concours.fr. Written tests are taken in May. Eligible candidates take the oral tests between late June and late July. Admission decisions are posted on the SCEI website.

FÉDÉRATION GAY-LUSSAC CYCLE PRÉPARATOIRE INTÉGRÉ (CPI)

ENSCL accepts students enrolled in the Fédération Gay-Lussac Cycle Préparatoire Intégré ('integrated preparatory studies'), or CPI, on the basis of academic performance. The CPI is a gateway to admission into one of the 20 French chemistry and chemical engineering schools in the Fédération Gay-Lussac, without having to take an entrance exam. There are five CPI centres in France, in Clermont-Ferrand, Lille, Pau, Rennes, and Strasbourg. After two years of preparatory classes, CPI students are admitted into Fédération schools on the basis of their preferences and academic performance. The CPI programme is open to holders of a high-school diploma awarded for studies focused on the sciences. Candidates apply through the Parcoursup platform and are interviewed if deemed eligible.

ADMISSION ON BASIS OF DEGREE

ENSCL accepts applications from students that have completed certain short postsecondary programmes or hold particular university degrees. Application forms may be downloaded from the ENSCL website (enscl.centralelille.fr) starting in February. The admissions committee convenes in June.

ATS PROGRAMME

Every year, ENSCL accepts two students from the ATS Chimie one-year programme of preparatory studies in chemistry, on the basis of academic rank. Students from all three ATS centres in France (Valenciennes, Paris, and Lyon) are pooled together for ranking purposes.

OPEN DAYS
END OF JANUARY

APPLICANTS WITH DISABILITIES

If you seek more information before settling on a school, or would like to bring any matter to our attention, feel free to contact our disabilities coordinator at ***referent.handicap@centralelille.fr***

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Centrale Lille
ENSCL – Avenue Mendeleïev – Bât C7 – Cité scientifique – CS90108 – 59652 Villeneuve d'Ascq Cedex – France
contact.enscl@centralelille.fr • https://enscl.centralelille.fr