School of chemical engineers
...is one of the French “Grandes Écoles”. It is ISO 9001 certified and trains chemical engineers in close collaboration with industry. It recruits students after two years of higher education for three years of training.

2019 - 2020

- 261 students enrolled in the engineering degree course
- 72 graduates in 2018

60% of women
40% of men

79% employed in the six months following graduation
14% continue studying
A polyvalent degree programme for a wide range of career opportunities
Theoretical and practical courses in organic chemistry, physical chemistry, cosmetology, environmental chemistry, formulation, materials, safety…

A focus on industry and research
Internships and projects carried out in laboratories or with companies, lecturers from the world of work, a double Master’s degree…

Building a career plan with company executives and managing personal projects
Individual follow-up starting in first year and group projects chosen by students in first and second year

Numerous international opportunities
Cross-border area close to Germany and Switzerland, double degrees and academic exchanges, internships abroad

An excellent quality of life and a wealth of much-appreciated associations
Dynamic student life, state-of-the-art facilities, green campus close to the city center providing all university services
DMISSION

**Entry through the CEF procedure**
after at least two years of higher education
(Campus France on www.campusfrance.org)
selection on the basis of academic record
and an individual interview

**Entry after cross-border programmes**
equivalent to two years of higher education
selection on the basis of academic record
and an individual interview

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**Directly after the French Baccalauréat**
Students can join the integrated cycle of ENSCMu through the INSA group
(admission.groupe-insa.fr)
> selection on the basis of academic record
and an individual interview

A two-year preparatory course Chem.I.St through the Gay-Lussac Federation
the network of 20 French chemistry schools
(www.20ecolesdechimie.com)
> competitive entry

A two-year preparatory course in France after the French Baccalauréat
Students can join ENSCMu after two years of first cycle studies in a French high school,
after two or three years of Bachelor’s degree...

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<th>Equivalent to the 1st year of Bachelor’s</th>
<th>2nd years of Bachelor’s</th>
<th>Equivalent to the 3rd year of Bachelor’s</th>
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<td>2 years of preparatory course</td>
<td>1st year of engineering course</td>
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Entry after cross-border programmes
equivalent to two years of higher education
selection on the basis of academic record
and an individual interview
DMISSION

Entry through the CEF procedure after at least four years of higher education (Campus France on www.campusfrance.org)

→ selection on the basis of academic record and an individual interview

Entry in dual-degree programmes

→ selection on the basis of academic record and an individual interview

2nd year of engineering course

3rd year of engineering course

Entry with international Degrees Erasmus+, Fitec...

→ selection according to the agreement with partner university

equivalent to the 1st year of Master’s

equivalent to the 2nd year of Master’s

1st year of engineering course

2nd year of engineering course

3rd year of engineering course
YLLABUS OF THE ENGINEERING DEGREE COURSE

1st AND 2nd YEAR

Lectures and seminars (about 300 hours per year)
and practical works (about 290 hours per year)
Analytical chemistry, formulation, inorganic chemistry, macromolecular chemistry, organic and bio-organic chemistry, physical chemistry, applied mathematics and computing, engineering sciences, reaction safety.
Specialisation in engineering sciences, organic chemistry or materials open to choice in 2nd year.

Languages
English and German, Spanish or French for non-native speakers.

Human, social and economic sciences
Business economics, communication tools and techniques, discovery of employments and fields of activity, health and safety, job interview simulations, quality, sustainable development.

Training engineers
Team-project management (organisation of scientific workshops, active commitment to various students’ associations, event planning...), projects in collaboration with laboratories or companies, career plan follow-up.

Internships in France or abroad
First-year placement (4 to 8 weeks).
Second-year research internship (at least 8 weeks).
3rd YEAR

Engineering sciences, case study, simulation of industrial processes
6 ECTS

Languages 3 ECTS
Human, social and economic sciences 7 ECTS
English
Management, International marketing...

One compulsory specialisation (200 h) 14 ECTS
- Formulation and cosmetology
- Materials and polymers
- Organic and bio-organic chemistry
- Safety and sustainable development

Internship in France or abroad 30 ECTS
Industrial work placement for 6 months.
LOSE RELATIONSHIPS WITH RESEARCH AND INDUSTRY

Teachings at ENSCMu are based on research carried out on the Mulhouse campus

The research is carried on in various fields - inorganic chemistry, macromolecular chemistry, materials, organic and bio-organic chemistry, photochemistry, the environment and hazards, safety.

Professors share the latest developments in their field with the engineering students.

Students must complete a research internship and may also carry out a research project in second-year.

The world of work is strongly involved in the programme

Professionnals are involved in the programme through the lectures they provide as well as their commitment to the school board, the organisation of conferences and events with companies and engineers graduated from ENSCMu, or the fact that many partners take on ENSCMu students as interns...
INTERNATIONAL MOBILITY

All ENSCMu students must go abroad during their studies. They may complete an internship or take part to an academic exchange programme with one of ENSCMu's 40 international partners.

**Academic exchanges in final year**
Students who graduate from ENSCMu and students coming from a partner university have the possibility to:

- complete a double degree (with a partner university in Toledo - USA or in Chicoutimi - Quebec).

- spend a semester as an exchange student in one of our partner universities (FITEC programmes in Argentina, Brazil, Mexico, “Erasmus +” programmes in Bulgaria, Germany, Spain…, other bilateral programmes in the UK, in Japan…).

**Internships in laboratories or with companies**
First-year placement, second-year research internship, third-year engineering internship.
LOCATION AND FACILITIES

A green campus
The National College of Chemical Engineering of Mulhouse is located on the main campus of the Université de Haute-Alsace, set in 50 acres of gardens. ENSCMu students have access to all facilities and accommodation available on the campus: catering, culture and health services, housing, sports facilities… Easy to reach by public transports, the campus is 10 minutes from the city center and 30 minutes from the Basel-Mulhouse EuroAirport.

An attractive region
Mulhouse is the ideal starting point to discover a beautiful region and its many charms (gastronomy, mountains and ski resorts, museums, vineyards…). Mulhouse also offers the possibility to become more familiar with French, German and Swiss culture and to work in a cross-cultural environment.

The Students’ Union
There’s something for everyone after school thanks to the many clubs and associations of the Students’ Union: Engineers Without Borders, games club, theater, music and danse clubs, cosmetology association, football, volleyball, handball, basketball and badminton teams…

Cost of living
Accommodation: from 300 to 400 euros for a studio
Food: around 3.3 euros/meal in university restaurants
Sports: 25 sports activities available in university gymnasium for free and sports activities organised by students at ENSCMu
Culture: reduced prices in Alsace with the Carte Culture issued by the University
Transportation: around 20 euros per month for a bus/tram subscription