

Try the chemistry challenge ... and build the future



AS CHEMISTRY ADVANCES, MANKIND PROGRESSES

The Gay-Lussac Federation

CHEM.I.ST (CHEMistry International Studies)

International programme preparing for careers in Chemistry and Chemical Engineering

The CHEM.I.ST programme is an opportunity given to young scientific talents from the whole world to obtain:

- > a solid scientific education
- > a european and international dimension in a multicultural context
- > good adaptation capacities and full autonomy in an international environment
- > a real approach of the various trades in Chemistry and the company world at an early stage of their studies
- > the prestigious French " **Diplôme d'Ingénieur** " and a **Master's Degree** in Chemistry and Chemical Engineering

18 Graduate Schools of Chemistry and Chemical Engineering located in the main French cities

- > CPE Lyon . . . Lyon www.cpe.fr
- > ECPM Strasbourg www-ecpm.u-strasbg.fr
- > ENSCCF Clermont Ferrand www.ensccf.fr
- > ENSCL Lille www.ensc-lille.fr
- > ENSCM Montpellier www.enscm.fr
- > ENSCMu Mulhouse www.enscmu.univ-mulhouse.fr
- > ENSCP Paris www.enscp.jussieu.fr
- > ENSCPB Bordeaux www.enscpb.fr
- > ENSCR Rennes www.ensc-rennes.fr
- > ENSGTI Pau www.univ-pau.fr/ENSGTI
- > ENSIACET (A7) Toulouse www.ensiacet.fr
- > ENSIC Nancy www.ensic.inpl-nancy.fr
- > ENSICAEN Caen www.ensicaen.fr
- > Centrale Marseille Marseille www.ec-marseille.fr
- > ESCOM Paris www.escom.fr
- > ESPCI Paris www.espci.fr
- > INSA Rouen www.insa-rouen.fr
- > ITECH Lyon www.itech.fr

www.
gaylussac.net

For more information



CHEMistry

International STudies



Your passport to engineering careers in Chemistry and Chemical Engineering

Chemistry: a field where all types of talent can be put to good use

By entering the world of chemistry you will discover the exciting science of molecular phenomena and an industry that more than any other requires a wide range of profiles and competences.

Indeed, chemistry is the cornerstone of the jobs of the future for the activities of a graduate engineer in chemistry serve all the economic areas : R & D, services, industry, trade ..., many sectors that offer very good career opportunities.

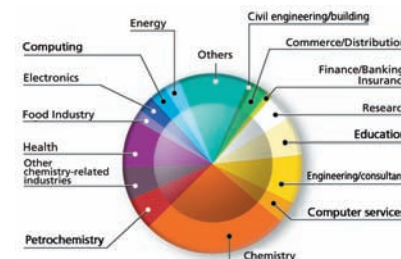
To know more about the jobs related to chemistry, visit the site of the French Board of Chemical Industries (UIC) : <http://www.uic.fr>

An average of 2 to 3 job offers for each graduating student

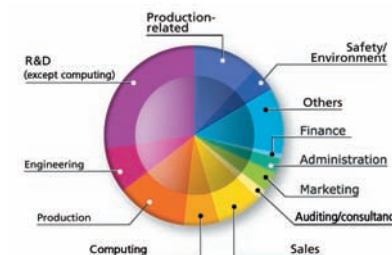
Average starting salary for our graduates: 32,000 € per annum



SECTORS



PROFESSIONS



Studies: in Clermont-Ferrand, Lille or Rennes

The first two years of the CHEM.I.ST programme take place from September to June for each academic year. Teaching hours average 30h per week: **2/3rd scientific teaching**, **1/3rd non scientific teaching**. French is the teaching language.

> A solid scientific teaching

Chemistry – Physics

Theoretical and experimental approach
Well-balanced amount of taught courses and tutorials

Maths – Computer science

Acquisition of fundamental tools

> A diversified training in humanities for a true international dimension

2 compulsory foreign languages

French and English

Civilization : understanding today's world (Rennes site)

Approach of the major international geo-economic and geo-political questions.

In order to give the foreign students the best chances of success in the programme, a summer school in French as a Foreign Language and a special "refresher course" in scientific subjects (revision of basic notions of mathematics, physics and chemistry covering the curriculum of a French "classe terminale", last year of secondary school) is organised.

For a more detailed programme see:

www.enscfr.fr

www.ensc-lille.fr/fi/cpiframe.html

www.ensc-rennes.fr/enseignement/cycles_prepa.htm

Admission requirements

Students who have passed in their home country, for less than a year at the time of application, the secondary school leaving certificate or diploma giving access to a scientific university may be admitted in the first year of CHEM.I.ST.

Direct admission in the second year of the programme may be considered in some cases. Selection is made on records (scientific level and French language proficiency level) and after interview if required.

Admission for 2008

Deadline for application:

- European students: 15th May
- non European students: 30th March

- > French summer school (first year only) 4 weeks in August
- > Refresher in scientific subjects (first year only) . . . before the programme beginning
- > Programme beginning Mid-September 2008
- > Holidays
 - Mid-term 1 week
 - Christmas 2 weeks
 - February 1 week
 - Easter 2 weeks
 - Summer 2 months

Earning the French Graduate Engineering Degree

Our graduate schools of chemistry and chemical engineering train versatile engineers who are able to take the most diverse positions in a company. They are highly qualified scientific executives having the skills and qualifications to control the transformation of matter from research to the industrial stage in terms of quality, cost, security and environmental protection.



Training in a multicultural environment

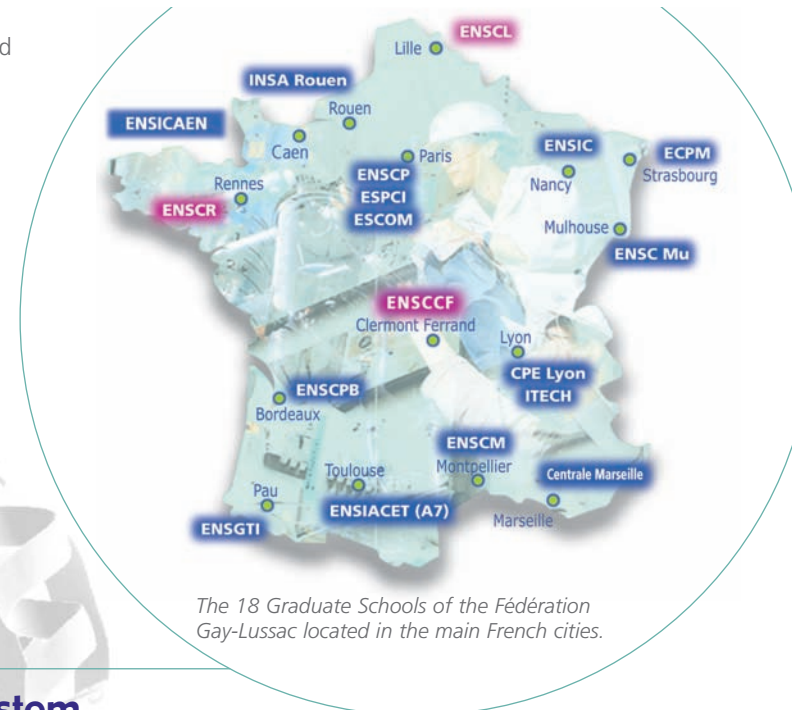
CHEM.I.ST has been designed to host in a same class international and French scientific students having completed their secondary school leaving certificate.



The assets of the French Engineering Education System

- > The CHEM.I.ST programme is typical of the **French tradition of Engineering Education**, a model that has generated for over 200 years higher executives in the service of the industrial world.
- > **CHEM.I.ST is a five-year programme in higher education that meets the needs of an engineer's international dimension:**
2 core or preparatory years take place in Clermont-Ferrand, Rennes, Lille or Rennes, followed by 3 years in one of the Fédération Gay-Lussac Graduate Schools. These Schools offer a large range of training opportunities and industrial experience abroad (company/laboratory training periods, sandwich years, double degree programmes with partner universities worldwide : " Diplôme d'Ingénieur "/Master of Science).
- > The French Graduate Engineering Degree enjoys an **international recognition**, which is the best guarantee of placement in the company world.
- > The French Graduate Engineering Degree is a **gateway to doctoral studies leading to a Ph D.**

CHEM.I.ST



The 18 Graduate Schools of the Fédération Gay-Lussac located in the main French cities.

CHEMistry

International STudies



Your passport to engineering careers in Chemistry and Chemical Engineering

Assessing your budget

Educational costs of CHEM.I.ST students (13,500 / year) are paid by the French Government.

However, there are some fixed costs and expenses related to various services provided that must be paid by the students. Here is an assessment in **Euros** of the costs involved for one year of study. It enables the student to calculate an average budget but is in no way binding.

- > Registration fees 2007-2008 512
- > Summer School (if applicable) 900 to 1600
- > Insurances (health, housing, civil liability) from 280 to 600 (according to the level of cover wished)
- > Housing in a higher standing residence*from 200 to 320/month
- > Housing (regular university accommodation) 134/month

(*) In Clermont-Ferrand, comfortable students housing are available from 250/month. In Lille the «Maupassant» residence offers 13 sq m. rooms at 210/month). In Rennes the «Gay-Lussac» residence offers nice independant lodging at 330/month.

Financial help

The French Government provides all regular students a housing benefit (called A.L.S.) which varies according to the financial resources of the student and the type of lodging chosen. This financial assistance generally covers 30 to 50% of the cost of lodging. Students from East European countries applying for admission to the EU may be granted supplementary financial assistance (for more information ask the regular center: Rennes or Lille.).

Studying in Clermont-Ferrand, Lille or Rennes: up to you to decide

Clermont-Ferrand : a city amidst the volcanoes with 2000 years of history.

Located in the wonderful Auvergne region in the center of France, Clermont-Ferrand is a dynamic city, home town of the well-known Michelin tyre company, offering a rich cultural life much appreciated by students.

See : www.ville-clermont-ferrand.fr

The **ENSCCF** is situated on a nice campus 10 mn from the town center.



ENSCCF Graduate school



Lille: a city where industrial tradition and technological innovation meet.

Located in the North of France, close to major European capitals (Paris, London, Brussels), Lille offers the advantages of a town at human size (200,000 inhabitants) amidst a dynamic metropole of 80,000 students.

See : <http://www.lilletourism.com>

The **ENSL** is situated on the Villeneuve d'Ascq scientific campus. The CHEM.I.ST class is hosted by the « Lycée Montebello » in the city of Lille, close to the town centre. All the cultural and sportive activities available to students are offered there.



Lycée Montebello

Rennes: student life as you like it to be!

Located in the West of France, 2 hours away from Paris by high speed train (1 hour by plane), an important scientific and technological centre, Rennes will welcome you in a region with a mild climate, in a young dynamic city at human size (220,000 inhabitants, among which 48,000 students).

See : <http://www.ville-rennes.fr>

The **ENSCR** is located on a vast green area, 15 mn away from the city center by bus. You will find there everything that makes students' life exciting.



Beaulieu campus



For more information

> In Clermont-Ferrand :

Cycle CHEM.I.ST
Ecole Nationale Supérieure de Chimie de Clermont-Ferrand •
BP 187 • Ensemble scientifique des Cézeaux •
24 Avenue des Landais • 63174 Aubière Cedex •
<http://www.ensccf.fr> •
Phone : +33 4 73 40 50 83 • Fax : +33 04 73 40 70 95
Contact : amelia.barreto@ensccf.fr

> In Lille :

Cycle CHEM.I.ST
Ecole Nationale Supérieure de Chimie de Lille • BP 90108
• BT C7 CITE SCIENTIFIQUE • 59652 Villeneuve d'Ascq cedex •
<http://www.ensc-lille.fr> •
Phone/Fax : +33 3 20 33 71 35
Contact : Zahia.Turpin@ensc-lille.fr

> In Rennes :

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