

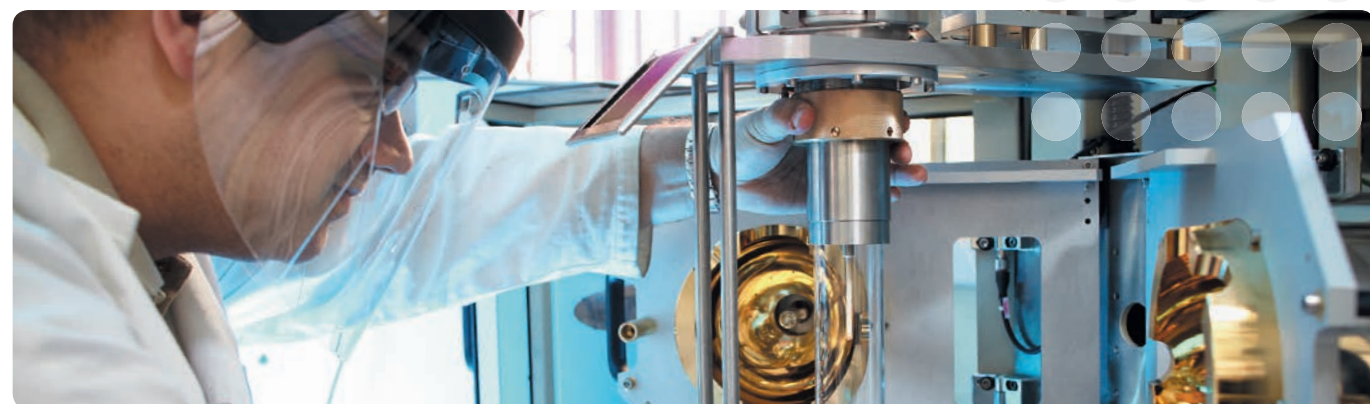
A Curriculum and Research laboratories intertwined with the business world

Chimie ParisTech has a long history of close interactions with industry:

35 to 40 industrial contracts are signed each year
Integration of professionals in the curriculum

Cross-disciplinary projects
that prepare students to work in corporate settings

85% of graduates will work for industrial companies



Research at Chimie ParisTech

In association with companies or large public research organisations (CNRS, INSERM, universities), the research activity of Chimie ParisTech covers the whole spectrum of chemistry.

It addresses scientific questions ranging from fundamental research to applied research and innovation.

8 laboratories

CHIMIE PARISTECH HAS 8 LABORATORIES
WHOSE MAIN RESEARCH INTERESTS ARE:

Materials Sciences

metallurgy, corrosion and materials aging, materials for optics, glasses, nanoparticles, nanostructured materials, biomaterials

Thin Films and Surfaces:

solar cells, fuel cells

Theoretical Chemistry and Modelling

Processes: process engineering, plasmas, microreactors, wastewater treatment and soil remediation, processes for nuclear energy, electrochemical storage of energy, catalysis and sustainable development

Analytical Chemistry

Biochemistry, Medicinal Chemistry

Chemical and Genetic Pharmacology

Medical Imaging

Diversity of opportunities

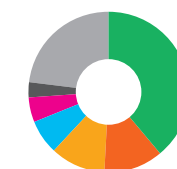
A WIDE RANGE OF PROFESSIONAL OPPORTUNITIES:

50% of our students have a job before they finish their programme

30% use English on a daily basis

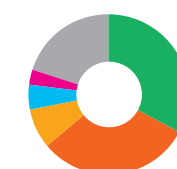
65% manage projects

50% will join a company with over 50,000 employees



POSITIONS :

39% R&D
12% Production
11% Consulting and Design
7% Sales and Marketing
5% Quality and Security
3% Teaching
23% Other



FIELDS :

33% Chemistry, Health, Beauty
31% Chemistry for Energy
8% Consulting
5% Metallurgy
3% Environnement
20% Other

Contacts

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Chimie ParisTech Alumni contact@chimie-paris.org

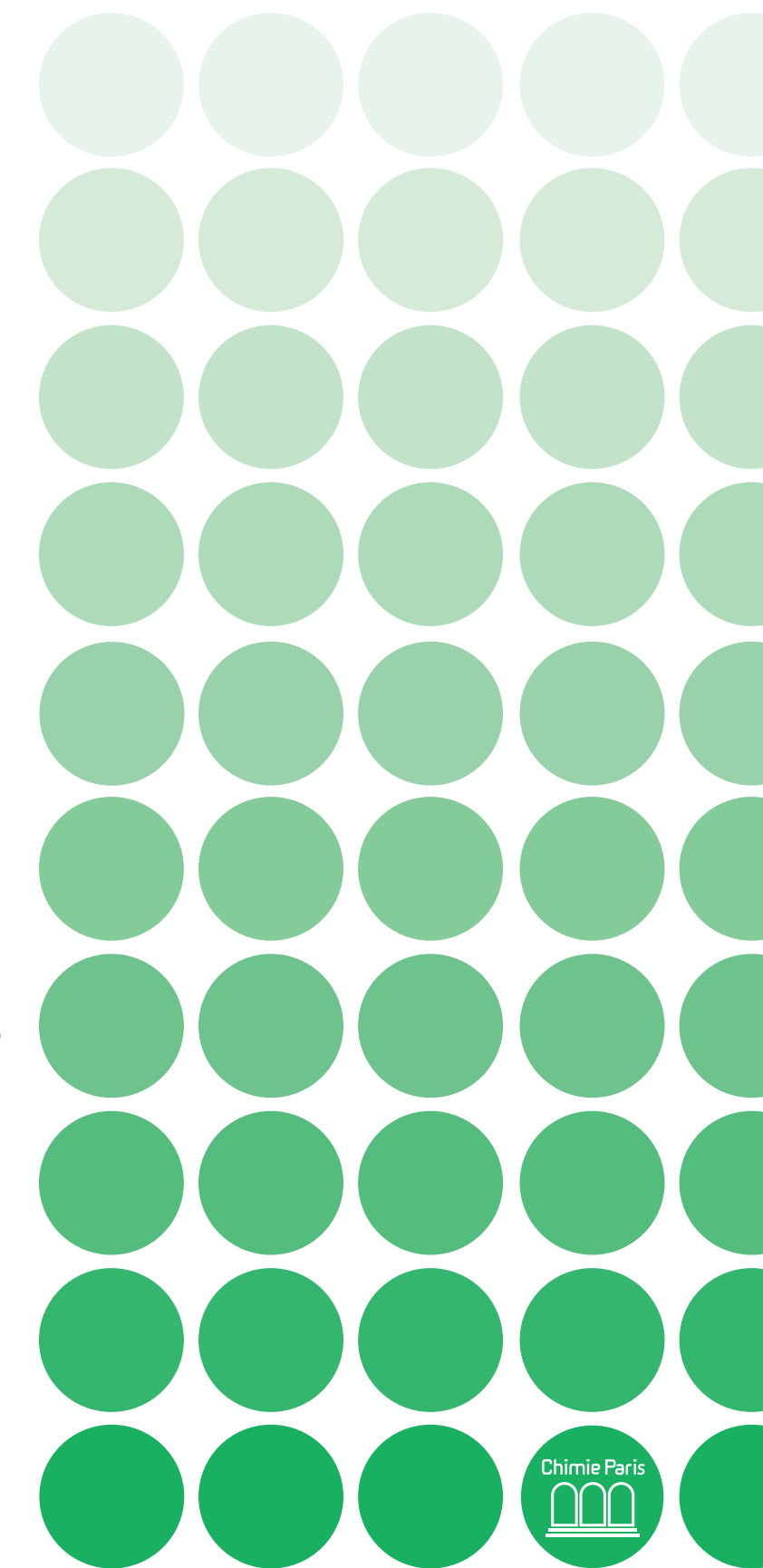
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conception tamaco | © photos Serge Chépus

Fostering talents for Tomorrow's Chemistry



ParisTech

110
permanent researchers

90
current PhDs

Active participation
in France's "Investment for the Future"
programmes (Labex, Equipex and Idex)



Education at Chimie ParisTech

Becoming a Chimie ParisTech Engineer

During a unique 3-year programme, Chimie ParisTech educates students in fundamental and applied chemistry, instilling them with a sound scientific knowledge, management training and a good understanding of the business world.

During the first two years, Chimie ParisTech students explore all disciplines related to chemistry. The third year is devoted to specialising in a chosen field, either through an engineering or a research oriented curriculum.

Students specialise through a research and development project in a wide range of fields: Materials Sciences, Organic Chemistry, Biochemistry, Physical Chemistry, Theoretical Chemistry, Analytical Chemistry, Industrial Process Chemistry, Chemistry for Nuclear Energy, Chemistry for Renewable Energy, Cosmetics.

YEAR 1 AND 2

SCIENCE

- Organic Chemistry
- Materials Sciences
- Physical and analytical Chemistry
- Chemical engineering
- Chemical safety
- Applied Mathematics

LABORATORY COURSES

- Organic Chemistry
- Materials Science
- Physical and Analytical Chemistry
- Chemical Engineering
- Statistics and Chemometrics

MANAGEMENT AND SOCIAL SCIENCES

LANGUAGES AND CULTURES

INTERDISCIPLINARY PROJECTS

INTERNSHIPS

YEAR 3

COMMON CLASSES

- Ethics
- Energy
- Risk Management
- ATHENS week
- Economics
- Innovation management

ENGINEERING PROGRAMME

ONE SPECIALITY
ONE CROSS-DISCIPLINARY OPTION

RESEARCH PROGRAMME

MASTERS

LANGUAGES AND CULTURES

INTERNSHIP

PROJECT REPORT

Chimie ParisTech was founded by Charles Friedel in 1896. It has become emblematic of research and education in chemistry in France, delivering Msc in Engineering as well as providing doctoral programmes.

A selective process

Chimie ParisTech is recognised as a French Grande Ecole: students enter the school through a highly selective process. Even if selectivity is the rule, there are up to 9 ways to join the school, either from the first year or from the second year. However, most international students join through exchange programmes from their original university, Erasmus programmes or the ParisTech international recruitment process.

Values

WE VALUE DIVERSITY IN ALL ITS SHAPES:

- 50% of our students are women
- 30% of our students benefit from scholarships
- 20% of our students are international students



Joining Chimie ParisTech

Entering students already have the equivalent of two years training either in general sciences or specifically in chemistry, selected after a competitive examination. International students can apply for the first year of Chimie ParisTech after obtaining a Bachelor of Science, or for the second year after obtaining a Master of Science. Masters and doctoral programmes are also available in partnership with the best Parisian universities.

Graduates from Chimie ParisTech are recognised for their grasp of research and development, as well as of companies' need for innovation.

CHIMIE PARISTECH GRADUATES BENEFIT FROM

- A curriculum that covers all the fields of chemistry
- An education based on training in academic laboratories and companies
- A research – teaching continuum ensuring that graduates are in contact with advanced knowledge at all time
- An in-depth vision of management and human resources
- An openness to the globalised conditions of the marketplace and a robust training in social, environmental and economic responsibility

Supervision

A high professor to student ratio ensures that students thrive in a supportive environment offering a wide range of disciplines. The unique teaching / research continuum attracts the best students and scientists in chemistry. Training at Chimie ParisTech emphasises initiative, creativity and entrepreneurship and prepares students for a wide variety of socio-economic challenges. Teamwork and project-based learning are ingrained in the curriculum.



12 months of internships

Internships

are also a requirement and during the course of their 3-year programme, students will have spent an average of 12 months within companies or research laboratories.

International ambitions

Training students to work in international environments:

- Exchange students both coming to and from Chimie ParisTech are valued
- Many double-degrees in partnership with foreign universities are available
- Internships abroad are encouraged
- ParisTech international programmes are available for added mobility
- Foreign languages and intercultural skills are part of the curriculum

Chimie ParisTech is a partner in several key national or international, professional, educational and research networks:

Paris Sciences et Lettres: a new research university in the Quartier Latin created in 2011 to foster scientific collaborations and synergies among the most prestigious Parisian institutions involved in hard and life sciences, business and culture, with a particular emphasis on interdisciplinary research and curricula.

ParisTech: a consortium for research and higher education that brings together 12 of France's most prestigious Engineering and Business Grandes Ecoles

Fondation Pierre-Gilles de Gennes: a foundation promoting innovation through partnerships between industrial companies and academics.

Fédération Gay-Lussac: a consortium of the 19 French chemistry schools.

Université Pierre et Marie Curie: a leading actor in French higher education.



Double degrees with prestigious international universities can be opened upon request if a student's specific professional project requires it.

Life at Chimie ParisTech

THE SCHOOL IS KNOWN FOR ITS VIBRANT STUDENT LIFE. ALL KINDS OF ASSOCIATIONS MAKE SURE STUDENTS CAN EXPRESS THEIR TALENTS IN A WIDE VARIETY OF FIELDS:

- Arts:** photography, video, music, cinema, theatre;
- Sports:** football, volley-ball, handball, basket-ball, rock climbing, sailing, skiing;
- Humanitarian:** tutoring for children, fundraising for NGOs and telethons, environment awareness and actions, work with the disabled;
- Economy:** forums and networking with industrial players, Junior Entreprise, debates, etc.

2000 hours of training

40% of training is experimental during the first two years

20% in economics and social sciences

2 languages