

PRE-INTEGRATION SEMESTER (PIS)

for admission to

CHEMISTRY INTERNATIONAL STUDIES (CHEM.I.ST. program)
(International Undergraduate Program in Chemistry)

GENERAL PRESENTATION

The Fédération Gay-Lussac (F.G.L.), a network of 19 French graduate schools of chemistry and chemical engineering located throughout France (see FGL site : <http://www.gaylussac.net>) has designed a **special Pre Integration Semester (PIS)** for international students having completed their secondary school at home and wishing to be admitted to the prestigious French Engineering Graduate School system.

This Pre-Integration Semester (PIS) taking place in Rennes (<http://www.ensc-rennes.fr>), West of France, will prepare the selected international students in the best conditions for further studies in the French engineering school system.

PRE-INTEGRATION SEMESTER (P.I.S) OBJECTIVES AND CONTENTS

The PIS is a very selective program intended for international students having completed their secondary school education in scientific subjects and wishing to integrate the prestigious French Graduate Schools system (in chemistry and related fields). It is particularly adapted to students showing a very high scientific profile but having limited or no French language proficiency.

The semester starts in mid-February and ends in mid-June. On arrival, the students will be hosted for 2 weeks in a French family and, thus, have a true experience of the "French way of life", while following an intensive French language session. After these two "induction" weeks the actual program will begin.

The semester study program includes scientific subjects (chemistry, physics, maths, computer science) and non scientific subjects (culture, French language courses, English).

During the Summer break, the students who will not return to their home country will be able to benefit from a laboratory placement or take part in the French Summer School (Advanced French language course). The August month is left free for the students.

After the P.I.S the students will be admitted to one of the 3 "CHEM.I.ST" program centers, located in the Graduate Schools of **Clermont-Ferrand, Lille, Rennes and Strasbourg.**

P.I.S COST

The fees for the program cover the pedagogical costs involved for the pre-integration semester (P.I.S) and during the 2-year CHEM.I.ST program. They amount to 4 800 € (2012 session). The payment modalities will be specified personally to all the students accepted in the P.I.S.

CHEM.I.ST (CHEM.istry International Studies)

This specific two-year undergraduate program is the logical following of the PIS. It includes a high level scientific training enhanced by courses dealing with international economics and culture. After two years' studies in the "CHEM.I.ST". program, the students who have fulfilled the examination requirements will be directly admitted to one of the 19 Graduate Schools of Chemistry and Chemical Engineering member of the FEDERATION GAY LUSSAC in order to earn after three more years the **French "Diplôme d'Ingénieur"**, graduate engineering degree, as well as a **Master's degree in chemistry and chemical engineering.**

NOTE : the students admitted in the Graduate Schools of the Fédération Gay Lussac will benefit from a wide range of international opportunities, including industrial training periods and studies abroad. Typically, they can spend part of their studies in a partner universities in Europe, America or Asia in order to earn a double degree : Master of Science and the French "Diplôme d'Ingénieur".

CHEM.I.ST PROGRAM'S OBJECTIVES

CHEM.I.ST aims at :

- promoting from the early stage of a preparatory programme to French Engineering Schools of Chemistry and Chemical Engineering **a true international dimension** that is very much valued by the industrial world,
- giving the students **a solid multidisciplinary approach in science** (chemistry, physics, mathematics) and **humanities**,
- developing the **human and scientific potentialities** of young talents who are open-minded, adaptable and eager to make an international career.

PROGRAM'S HIGHLIGHTS

- (depending on the center and subject to the local conditions) a small class of students in a multicultural and multilingual context
- a high level scientific training in chemistry, physics, mathematics
- an outstanding general knowledge approach including intensive courses of French as a foreign language and courses dealing with the main cultural, geo-economic and industrial issues of today's world.
- a sensitization of the students at an early stage of their studies to the reality of the various trades in chemistry and the company world through plant visits or industrial placements.

ADMISSION TO THE CHEM.I.ST PROGRAM

Students who have followed the pre-integration semester (PIS) at Rennes will be directly admitted in the first year of the *CHEM.I.ST* program at Clermont-Ferrand, Lille, Rennes or Strasbourg.

For more information on the Pre-Integration Semester at Rennes, please contact :

Pierre BRIEND
ENSCR
International Relations Office
Tel : 33 2 23 23 80 42
pierre.briend@ensc-rennes.fr

For specific information on the CHEM.I.ST preparatory program, please contact :

Clermont-Ferrand	Lille	Rennes	Strasbourg
Ecole Nationale Supérieure de Chimie de Clermont-Ferrand (ENSCCF)	Ecole Nationale Supérieure de Chimie de Lille (ENSCL)	Ecole Nationale Supérieure de Chimie de Rennes (ENSCR)	Ecole Européenne de Chimie Polymères et Matériaux de Strasbourg (ECPM)
BP 187 Ensemble scientifique de Cézeaux 24 Avenue des Landais 63714 Aubière Cedex	BP 90108 BT C7 Cite Scientifique 59652 Villeneuve d'Ascq cedex	Avenue du Général Leclerc CS 50837 Campus de Beaulieu 35708 RENNES 7 – France www.ensc-rennes.fr	25 rue Becquerel 67087 Strasbourg Cedex 2 www.-ecpm.u-strasbourg.fr
www.ensccf.fr	www.ensc-lille.fr	Tel : 33 2 23 23 80 39 Fax : 33 2 23 23 81 99 Contact : anne.menez@ensc-rennes.fr	Tel : 33 3 68 85 26 05 Fax : 33 3 68 85 26 12 Contact : chemist.ecpm@unistra.fr
Tel : +33 4 73 40 50 83 Fax : +33 4 73 40 70 95 Contact : amelia.barreto@ensccf.fr	Tel. / Fax: +33 3 20 43 41 24 Contact : international@ensc-lille.fr	International Relations Office Tel : 33 2 23 23 80 42 pierre.briend@ensc-rennes.fr	

For information about the Graduate Schools after the CHEM.I.ST program, see : <http://19ecoledeschimie.com>