

Master 2 program

Semester 3 (30 ECTS)

2 courses of Chemistry

AE1-CHEM : Advanced methods of analysis

AE2-CHEM : Reactivity in homogeneous and heterogeneous phases

3 courses of Chemical Physics

AE3 : Physics and chemistry of the atmosphere

AE4 : Spectroscopic and optical methods

AE5 : Observation systems for atmospheric monitoring

1 course of Foreign Language

AE6 : Advanced English / French

Semester 4 (30 ECTS)

Research project in Laboratory

Full-time research position in a lab involved in the Labex CaPPA

Information

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➤ master-chimie.univ-lille1.fr/master2/CEE

➤ labex-cappa.univ-lille1.fr

Master of Chemistry

Chemistry Energy Environment

NEW international Master 2
Atmospheric Environment

A high level of education
A research at the top level
A stimulating environment

**Fellowships
are available**

Objectives

The International Master 2 “**Atmospheric Environment**” of the University of Lille 1 is providing a 1-year program in the field of atmospheric chemistry and physics, at the best level.

It is supported by the French Laboratory of Excellence **CaPPA** (Chemical and Physical Properties of the Atmosphere).

This program is open to chemists and physicists with a validated first-year of Master in Chemical Physics or Chemistry, wishing to follow a **specialization in atmospheric sciences** to get a strong background in theory and practical works.

The education language is **English**. The first semester (Sept-Jan) is dedicated to lectures/practical works, while the second semester (Feb-Jul) focuses on a full-time laboratory research project. A large selection of research projects will be proposed to the students, who will make their choice after visiting the Laboratories.

Job opportunities

- › PhD thesis in a Research laboratory
- › Engineer in air quality, in atmospheric measurements, in remote sensing

Application

The application forms are available on the web site at the end of March and must be returned by **May 15th**.

➤ master-chimie.univ-lille1.fr/master2/CEE

Each candidate will receive an answer by the end of May.

International students

Once you are selected you need to go through a particular procedure. You first need to check if your country has a **Campusfrance** agency. If so, you need to follow the **Campusfrance** procedure :

➤ www.campusfrance.org

Campusfrance is also in charge of visa issuing.

If not, you need to follow Lille1 validation process documents will be sent by the University of Lille1.

Fellowships

Fellowships are available for students having the highest academic records (7 k€/year). Please see the application form.

*University fees (2012-2013): 250 € (registration) + 207 € (social security) + 5 € (medical exam)
Fees are updated each year.*

Laboratories of chemistry involved in the Labex CaPPA

**Laboratoire de PhysicoChimie des Processus
de Combustion et de l'Atmosphère (PC2A)**
UMR 8522 CNRS - Université Lille1 - Villeneuve d'Ascq
➤ pc2a.univ-lille1.fr

**Laboratoire de Spectrochimie
Infrarouge et Raman (LASIR)**
UMR 8516 CNRS - Université Lille1 - Villeneuve d'Ascq
➤ www-lasir.univ-lille1.fr

Chimie et Environnement (CE Douai)
Ecole Nationale Supérieure des Mines de Douai
➤ ce.mines-douai.fr



**Chemical and Physical
Properties of the Atmosphere**
➤ labex-cappa.univ-lille1.fr