

# INTEGRATIVE CHEMISTRY AND INNOVATION

## 1st year of Master degree - Fall semester

The **first semester of the master** aims at giving a **common base of theoretical and experimental knowledge** in the field of **chemistry**, necessary before any specialization.

The exchange offer **corresponds to** the first half of the academic year, **fall semester (from September to January)**.

A minimum of **20 ECTS** (European Credit Transfer and Accumulation System) are **required** for the **learning agreement**.

For information on the **requirements of each course**, please check the **syllabus** on our [website](#).

Please note that **courses** are **place-limited**.

**Courses** take place at **various campuses**, all located near the **Panthéon** and the **Luxembourg Garden** :

- **Chimie ParisTech-PSL**, located at: **11 Rue Pierre et Marie Curie, 75005 Paris**
- **ESPCI Paris-PSL**, located at: **10 Rue Vauquelin, 75005 Paris**
- **École Normale Supérieure**, located at: **45 Rue d'Ulm, 75005 Paris**

## SCIENTIFIC COURSES

- **MHM1CIEMP- Introductory Mathematics and Physics** (3 ECTS)
- **MHM1CIDMO1- Molecular Design and Synthetic Tools** (4 ECTS)
- **MHM1CICAP1- Analytical and Physical Chemistry** (4 ECTS)
- **MHM1CICTM1- Theoretical Chemistry and Modelling** (4 ECTS)
- **MHM1CICME1- Smart Materials Chemistry** (4 ECTS)
- **MHM1CIPTI- Transdisciplinary & innovative project** (4 ECTS)