

INTEGRATIVE CHEMISTRY AND INNOVATION

2nd year of Master degree - Fall semester

All students may follow **scientific courses from this program**.

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 and structure 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**

COURSES

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| • MHM21IIFC- Flow chemistry, an emerging technology for organic synthesis (6 ECTS) |
| • MHM2CIIVSM- Valorization of Small molecules (6 ECTS) |
| • MHM2CIIPSM- Dynamic and Reconfigurable Polymers and Soft Materials (6 ECTS) |
| • MHM2CIICAT- Coupling analytical techniques for in operando monitoring of local events (6 ECTS) |
| • MHM2CIIDMP- Dynamics of molecular processes in biological systems (6 ECTS) |
| • MHM2CIIRP- Modeling and understanding of reaction processes (6 ECTS) |
| • MHM2CIiop- Optical Materials, from Design to Devices (6 ECTS) |
| • MHM2CIIDSL- Databases and statistical learning for chemical discovery (6 ECTS) |
| • MHM2CIIMR-Magnetic Resonance (6 ECTS) |