

MICROFLUIDICS

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**.

All courses are taught in **English**.

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

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

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

- **IPGG- Institut Pierre-Gilles de Gennes**, located at : **6 rue Jean Calvin 75005 Paris**
- **SU-Sorbonne Université**, located at : **4 place Jussieu 75005 Paris**

COURSES

- **HYDRO - Micro-hydrodynamics** (3 ECTS, **IPGG**)
- **MICROFAB - Microfabrication** (3 ECTS, **IPGG**)
- **INTROBIO - Introduction to biology and OMICS** (3 ECTS, **IPGG**)
- **BIOPHYSICS - From Soft to Active Matter** (3 ECTS, **IPGG**)
- **CAPILLARITY - Capillary and wetting phenomena** (3 ECTS,**IPGG**)
- **SOFTMATTER - Soft Matter** (3 ECTS, **IPGG**)
- **BLUENERGY - Blue Energy** (1 ECTS, **IPGG**)
- **RHEOLOGY - Rheology** (3 ECTS, **SU and IPGG**)
- **ANACHEM - Analytical chemistry** (2 ECTS, **IPGG**)
- **FLOWCHEM - Flow chemistry** (1 ECTS,**IPGG**)
- **OOC - Organs on chip** (2 ECTS, **IPGG**)
- **MHFLU.RES- Short-term Research Project** (2 ECTS)
- **MHFLUPSL- PSL Week** (1 ECTS)