



Study at the Faculty of Physics and Engineering

Our faculty provides a comprehensive range of courses in the fields of physics and engineering sciences. These courses span a wide spectrum, covering the study of elementary particles, condensed matter, material-and nano-sciences, while also extending to applications in mechanics and electronics.

Teaching takes place across three distinct locations: the Historical Campus, the CNRS Campus in Cronenbourg, and the Technology Hall in Illkirch-Graffenstaden.

Our diverse training offers include approximately twenty degree programs, featuring alternatives such as work/study apprenticeship contracts, internships, international partnerships, and dual-qualifications with engineering schools.

What sets our program apart is its close affiliation with nationally and internationally acclaimed laboratories, as well as collaborations with the regional industrial sector.

This connection provides students with valuable opportunities for hands-on learning and professional experience and provides our faculty with significant visibility in the field of physics and engineering.

International Master



Polymer sciences | IM-Polys

A transnational master program between Freiburg and Strasbourg. Built on a long-standing transnational collaboration in training and research, the university of Freiburg in Germany and the university of Strasbourg in France offer an international master program in "polymer science".

In an intercultural environment, the IM-Polys aims at providing a comprehensive and interdisciplinary training including chemical, physical and biological aspects of polymer and soft matter sciences. Contacts with industry and early possibilities to specialize according to individual preferences will offer broad opportunities for a career in the industry or academia.

University of Strasbourg
 physique-ingenierie.unistra.fr

Fakultät für chemie & pharmazie
 www.cpg.uni-freiburg.de

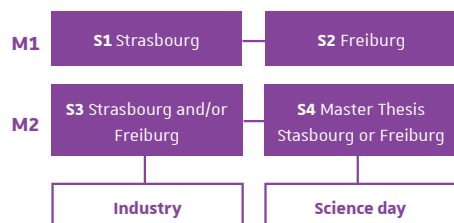


Training

Duration of the course: 2 years

M1 : first year – **M2** : second year

S1 : semester 1 – **S2** : semester 2...



Program and courses

M1

Semester 1 (S1) in Strasbourg

- Introduction to polymer and soft matter science, complemented by courses in chemistry and/or physics.

Semester 2 (S2) in Freiburg

- Advanced modules (courses and practicals) in polymer and soft matter science, also from industry, complemented by elective courses from chemistry and/or physics.

M2

Semester 3 (S3)

- Specialization through a broad list of elective courses offered in Strasbourg and Freiburg ; preparatory work for the master thesis.

Semester 4 (S4)

- Master's research internship.

Program and added value

- During both years of PolyS master's degree, students will live in a intercultural scientific environment where the exchanges will be highly encouraged.
- Language courses in french and german are scheduled in first as well as in the second year.
- Interdisciplinary training in polymer and soft matter sciences encompassing chemistry, physics and engineering.
- Freedom of specialization according to individual preferences.

- Industrial seminars.
- Intercultural exchanges sustained by intensive language courses.
- Financial support for the mobility between Strasbourg and Freiburg.
- Possibility to go on with a PhD thesis, e.g. in the framework of the PhD program IRTG « soft matter science ».

Partners →



Scholarships

Mobility scholarships : the Erasmus program will grant a scholarship to every IM-PolyS master student in order to support her/his mobility in the partner university.

Excellence scholarships : one or two excellence scholarships may be granted to highly brilliant students.

Career opportunities

The natural study continuation of this training is the preparation of a doctorate in a laboratory of macromolecular science in the broad sense. The master has also been identified as such by the UFA (Franco-German University / Deutsch-Französische Hochschule) as part of the ambitious « PhD-Track » program.

All this does not exclude the possibility of direct professional integration, in a research and development department of a company, but also in industrial property/patent, quality, pilot/industrialization departments.

Key figures

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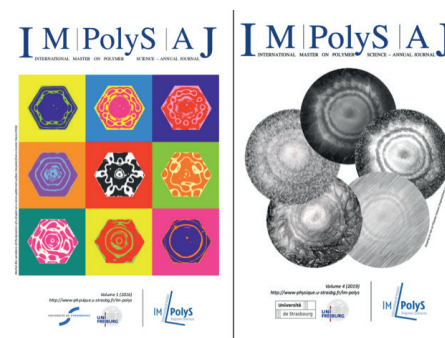
nationalities per IMPolyS class

38

different nationalities around the world over the last 8 years



Synthesis map describing the 38 different nationalities around the world over the last 8 years.



Scientific journal from 2 editions of the annual Science Day

Contacts

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 www.cpg.uni-freiburg.de

Admission and applications

Entry level

→ The applicant must hold a bachelor degree in chemistry, physics or engineering, or must be about to get this degree.

→ All applicants have to be highly motivated for the interdisciplinary training program of the master, have proficiency in English, be open-minded to the intercultural setting of the program and be ready to move between Freiburg and Strasbourg.

Admission

M1 : monmaster.gouv.fr or **Campus France**

M2 : ecandidat.unistra.fr or **Campus France**

Faculté

de **physique et ingénierie**

Université de Strasbourg