

Curriculum

First year – advanced phase in Berlin

Start: October

In the first year, you will study at FU Berlin as in the regular master's program in physics. The modules in the advanced phase introduce students to the latest research developments in one or several subfields of physics.

Semester 1

Advanced Laboratory Course (10 CP)
Statistical Physics and Thermodynamics (10 CP)
Compulsory-elective courses (10 CP)

Semester 2

Selected Topic in Physics (5 CP)
Elective courses (25 CP)

60 CP

Second year – research phase in Paris

Start: September

During the first six months, students attend compulsory lectures and complete a module on French language and cultural literacy. The double master students will be involved in research groups at IP Paris where they will complete the master thesis in the last semester.

Semester 3

Compulsory and elective modules (25 CP)
Language and Culture (5 CP)

Semester 4

Master thesis (30 CP)

60 CP

Requirements

Requirements for participation:

- BSc in Physics
- English language skills on B2 level
- good German and French language skills on A2 level

Application Deadlines

After the 1st master's semester

Regular: June 30

In connection with Erasmus funding: March 10

Before the start of the master's program

Early application: August 15

More details on our website:

www.physik.fu-berlin.de/double

Contact

doublemaster@physik.fu-berlin.de

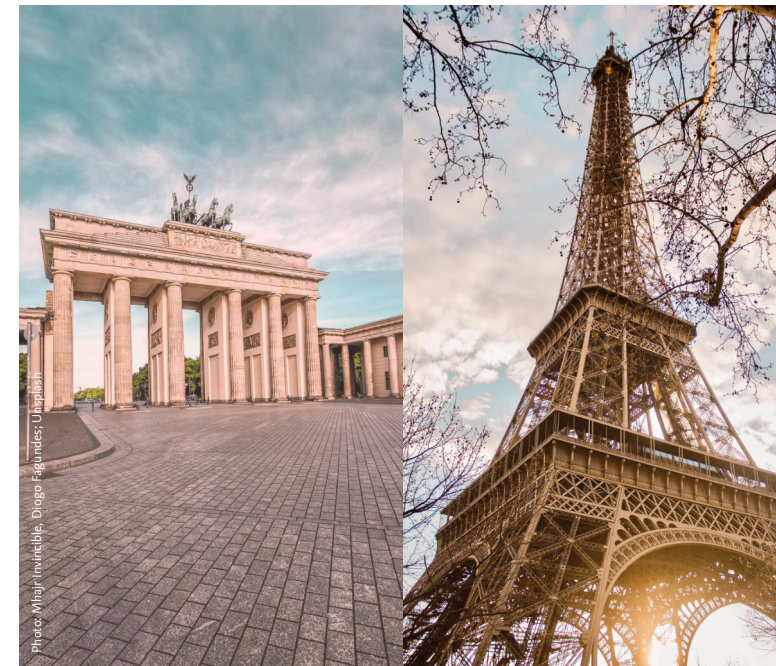
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French-German Master's Double-Degree Program

Physics

Berlin – Paris



Master's Double-Degree

Joint program of Freie Universität Berlin and Institut Polytechnique de Paris

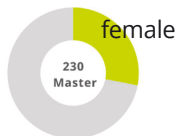
The double-degree program is embedded in the regular master's studies in physics at Freie Universität Berlin.

- Two master's degrees in one program without additional workload
- Physics studies at two elite universities
- Language of study: English

Benefits

- Door-opener into the French and international physics research community
- Personalized mentoring
- Opportunity to get to know the country, culture, and language

Up to 10 study places are available annually in the master's double-degree program.



Funding

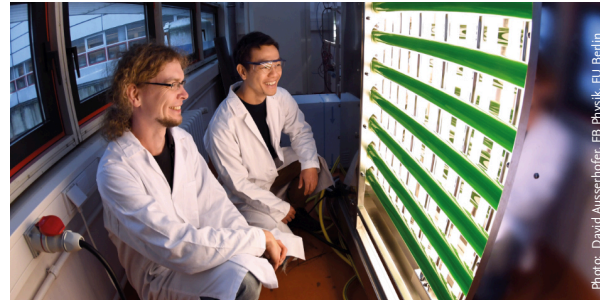
This double-degree program in physics is funded by the Franco-German University (DFH). Program's students are eligible for a DFH mobility grant during their study period at the partner university. Additionally, they are provided with language courses and intercultural job application training.

www.dfh-ufa.org



Université
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Freie Universität Berlin

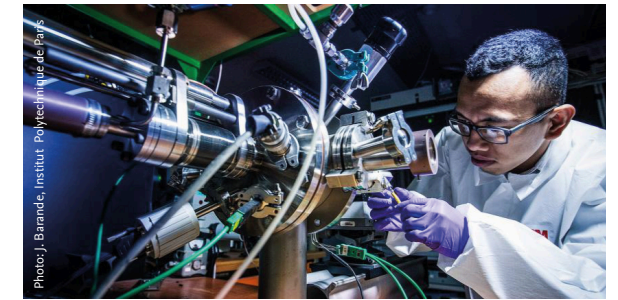


Freie Universität Berlin has been an excellence university since 2007. It is among leading scientific and educational institutions both in Germany and worldwide. 33,000 young people are enrolled in 180 programs. They study on a green campus in Dahlem und benefit from Berlin's unique blend of history, culture, knowledge, and innovation.

Physics research and training have been integral parts of Freie Universität Berlin's academic program for 75 years. Our fundamental research focuses on biophysics, quantum physics, ultrafast physics, nano- and surface physics, as well as physics education. We conduct both experimental and theoretical research and lead numerous interdisciplinary research projects.

Within our diverse academic community, we train master's students to become "global scientists". We prepare them for roles in international research institutions and technology companies, equipping them to tackle complex challenges, such as developing green energy solutions and sustainable materials.

Institut Polytechnique de Paris



The Institut Polytechnique de Paris is a consortium of five renowned natural science and engineering elite schools in the Paris region. It holds the status of a Grande École. 7,000 French and international students receive interdisciplinary education in engineering and natural sciences at IP Paris. After graduation, they typically attain leading positions in business and administration sectors as highly qualified individuals.

Master's students in physics participate in research projects in nanophysics, surface physics, optics and laser physics, plasma physics, or theoretical physics.

On-campus housing is available for students at the École Polytechnique campus in Palaiseau, approximately 20 km south of Paris and accessible via an RER train line.

