

MASTER IN PHYSICS

University of Rennes 1 and its Partner Institutions propose with this Master in Physics an excellent opportunity to work in the framework of very active research centers.

The different specialities offered will deliver high level competencies that will enable students to enter as well research centers as High Tech companies.

Welcome

University of Rennes 1 will support the international students willing to join the programme (administrative support for visa application, accommodation, language course,...)

French language course offered to international students.

www.physique.univ-rennes1.fr

Contact

Marc Brunel

Marc.Brunel@univ-rennes1.fr

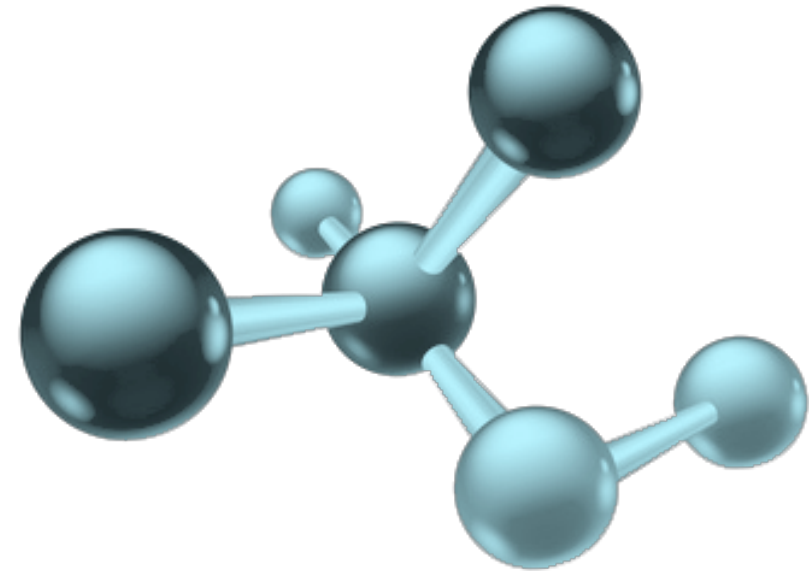
Tel +33 (0) 2 23 23 55 73

Campus scientifique de Beaulieu

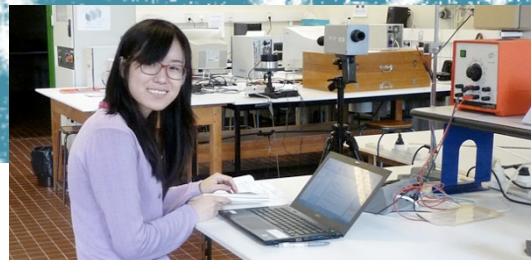
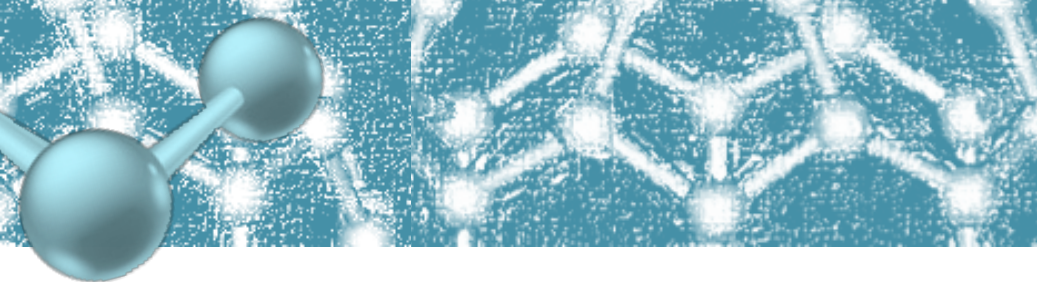
263 av. du Général Leclerc

35042 Rennes cedex

FRANCE



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Objectives

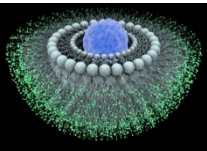
By completing this Master programme students will get a high scientific and technical level in Physics.

This Master in Physics strongly leans on the excellence of the University and its partner Institutions in terms of high level education and dynamical research. The courses will prepare students for PhD level research or a career in an industrial or national research laboratory environment. The two year programme consists of lecture courses, project work and internships.

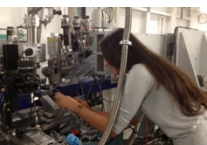
Five options

Students can choose among 5 optional programmes, one being fully research oriented, the other four with enhanced focus on technological applications.

- **Condensed and soft Matter Science**
 Molecules, solid state Physics, soft Matter, statistical Physics, Quantum and electronic properties of Matter, advanced experimental technics
- **Nanoscience**
 Nanomaterials and Nanotechnologies
- **Material Science**
 Synthesis and properties of advanced Materials
- **Photonics**
 Lasers, photonics applied to telecommunications and life science
- **Medical Physics**
 General physics, ionising and non-ionising radiations, Imaging, Computing



CNRS Calliaud François



Organisation of the Master

The Master is organised in 4 semesters, starting in September. During the 2nd semester students will have an internship and during the 4th semester students will conduct a 4 to 5 months Master Thesis.

Partner Institutions



Admission

Students can enter the Master in first or second Master year.

Requirements :

- First Master year : Bachelor (180 ects) in Physics, Material Science or related disciplines, French language competencies.
- Second Master year : 240 ects or equivalent in Physics or Material Science and good English level.

Registration fees
455 euros / year