



Admission in 1st year at Uppsala/Antwerp/Paris : holding a Bachelor's degree including 75 ECTS credits in physics, proficiency in english (IELTS,TOEFL...)

Admission in 2nd year at Paris : holding a degree at least up to a level corresponding to four years of full-time studies in the field of physics (i.e. ~ undergraduate level)



* Selection will be based on previous academic studies and degrees with emphasis on grades in the field of technology/science and statement of intent.

* **Application :** www.nanomat-master.eu



nanomat
master

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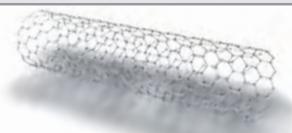
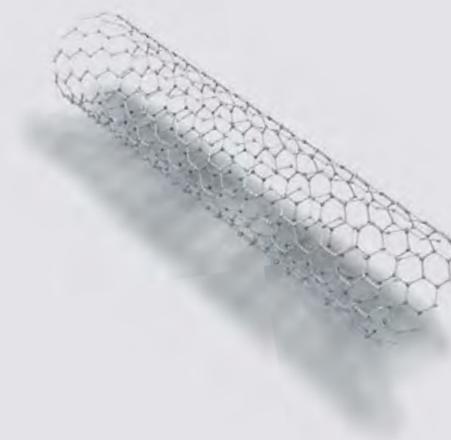
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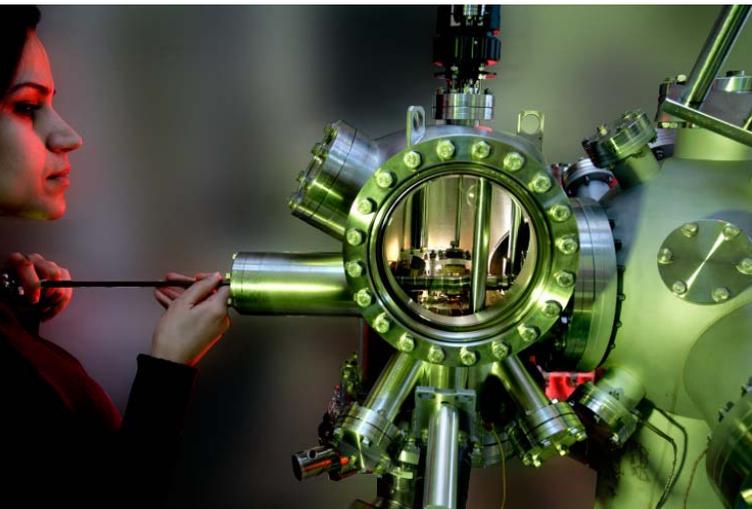
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Nanomat master
www.nanomat-master.eu

International master in materials and nano-physics





Curriculum interest

- Master programme in materials and nanophysics in an international context
- Lectures in english and internship in France, in Europe or outside Europe (St-Petersbourg Polytechnique University SPBSTU).
- ERASMUS PLUS mobility programme

- Multi diploma from the **University Pierre and Marie Curie (UPMC), Uppsala University (UU), Antwerp University (UA)**

Nanomat Master gives the basis required to follow a scientific carrier in the emerging domains of **new materials for energy and nanophysics**, by offering a high quality of training in an international context. These two promising domains offer numbers of employments in research and development department at companies and academics.



Programme syllabus



Support

- * Erasmus grants for all students registered in an European university
- * Priority for housing
- * Grant from MATISSE Labex

1st year : Master Programme in Physics Uppsala, Antwerp or Saint-Petersbourg

in English at UU, UA or SPBSTU
Mandatory courses (35-24 ECTS)

Quantum mechanics, Statistical physics, Solid state physics, Atom and molecular physics

Internship (9-15 ECTS)

Elective courses (10-24 ECTS)

complement ECTS to choose among the master courses

www.ua.ac.be/nanophysics

www.uu.se

2nd year : Nanomat master with Science des Matériaux et Nano-Objets in Paris

1st semester : in English at UPMC

Mandatory courses : 18 ECTS

Condensed matter physics, Local/non local spectroscopies,

Elective courses : 12 ECTS

Functional materials, Devices and surface engineering,
Computational materials science

2nd semester : at UPMC, UU, UA, Roma

Master thesis : 30 ECTS

Research laboratories in Uppsala, Paris, Antwerp or Rome,
or on Synchrotrons (SOLEIL France, MAX IV Sweden)

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