Master Nanosciences and Nanotechnology

Grenoble is a major pole for nanosciences with more than 30 laboratories working in this area and gathered within the Nanosciences Fundation

**Pluridisciplinary** two-years education program in nanoscience and nanotechnology

- **L Chimie, L Chimie-Biologie**
- **Nanochemistry**
- **L Physique-Chimie**
- **Nanophysics-Quantum Physics**
- **Soft matter and biophysics**
- **Master 2**
- **Enginnerie des micro et nanostructures (alternance)**
- **Nanophysics**
- **IQE**
- **Soft Nano**
- **Nanobiotech**
- **NanoMed (Phelma)**

QIQE=Quantum Information and Quantum Engineering
Teaching mainly in English (except IMN)

**Who can apply?**

- **Academic diversity:** Physics, Chemistry, Materials, Engineering, Medicine
- **Academic level:**
  - 1st year programs: after a 3 or 4 years BSc/Licence
  - 2nd year program: after a 4 years BSc or a M1

**How to apply?**

- If applicable, on *Etude en France* website before December 15th 2021.
- Otherwise, on UGA ecandidat website from March 1st 2022 to June 10th (M1) or June 30th (M2)

**An utmost international program (almost) all taught in English**

- **Erasmus Mundus** program in collaboration with Leuven, Dresden, Chalmers and Barcelona; possibility for UGA students to apply for a fellowship: [http://www.emm-nano.org/how-to-apply/](http://www.emm-nano.org/how-to-apply/)

- **Double diploma** with Tomsk Polytechnic University (Russie) et Tsukuba University (Japan, ongoing)

- Strongly related to two Thematic Program (PT) ran by the UGA Graduate School (GS):
  - PT Quantum for M1 Nanophysics-Quantum Physics/M2 QIQE and M2 Nanophysics
  - PT Soft Nano for M1 Soft Matter and Biophysics and M2 Soft Nano

**Common courses for pluridisciplinarity**
Research Training, Practical works in Nanosciences, Nanosafety, ...

**Compulsory specialization courses relevant of your track**

**Elective courses:** Opening towards other mentions
Chosen depending on your carrier plans

**Master Nanoscience-Nanotechnologies, Université Grenoble Alpes**
[https://master-nanosciences.univ-grenoble-alpes.fr/](https://master-nanosciences.univ-grenoble-alpes.fr/)