NANOSCALE ENGINEERING
MASTER DEGREE

Master accredited by the French Ministry of Higher Education and Research with possibilities to continue for a PhD.

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### OBJECTIVES

- Training in Nanotechnology for future managers, engineers and research scientists, to master recent developments in nanotechnology and biology.
- Graduates will be ready to manage multidisciplinary international projects on the interface of these various disciplines.

### SCIENTIFIC FIELDS


### MAIN OPPORTUNITIES

- **Industrial**: Electronics, Materials (Development and Applications), Biotechnology (Analysis and Pharmacology), Tools and Processes (Characterization and Processes).
- **PhDs and Scientific careers**: most NSE graduates go on with PhD studies. High demand for Master’s level teachers in NSE for young scientists in the early stages of training.

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### PREREQUISITES

- Bachelor of Science. (Preferably in Physics, Chemistry, Bioengineering, Electronics, Materials Science, Mechanical Engineering).
- Certified B1 level in English (CEFRL).

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### Statistics

- **3** academic centres in and around Lyon
- **5** research laboratories of the Université de Lyon
- **4** semester courses, taught in English
- **9** months of internships and lab projects
- **164** graduates since 2011
  - 56% of them are International Students
An international, multicultural program for French and international students.

- A major focus on developing **scientific communication** skills in English, thanks to high-level scientific teaching given in English. Opportunities for **internships and employment abroad**.
- Five laboratories involved in the Lyon area: the Lyon Institute of Nanotechnology (INL), the Institute of Light and Matter (ILM), Materials Science and Engineering (MATEIS), the Laboratory of Multimaterials and Interfaces (LMI), and the Institute of Analytical Sciences (ISA).

总理的学位由**Université de Lyon**颁发。培训课程和项目贯穿学年的学术年份，为研究实验室和工业中的**高水平科学和管理生涯**做准备。

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http://master-nano.universite-lyon.fr