

2 Graduate Engineering Programs «Grande Ecole»

ICM – Master’s Degree in Science and Executive Engineering - Since 1816

Named “diplôme d’Ingénieur Civil des Mines” (*ICM in French*),

Its aim: to train executive engineers for top-level management and technical positions in industrial and service companies in a globalized context.

ISMIN – Master’s Degree in Microelectronics and Computer Science - Set up in 2003

Associated with the Centre of Microelectronics in Provence research centre

An “Ingénieur ISMIN” will be qualified to innovate, design, set up, organize and manage industrial projects in the global environment of microelectronics, computer science and new technologies.

Masters of Science

Integration Programme for International Students!

‘Obtain an internationally recognised Master of Science diploma in one year!’

Masters of Science taught in English :

[Materials Science and Engineering](#)

[Biomedical engineering and Design](#)

[Industrial Engineering and Operations Research](#)

[Process Engineering & AI](#)

[Cyber-Physical Social Systems](#)

[Mathematical Imaging and Spatial Pattern Analysis](#)

[Hybrid Electronics](#)

Masters of Science taught in French :

[Prospective Design](#)

[Mechanics](#)

[Maths in action](#)

[Data and Connected Systems](#)

[Geography Spaces Human Environment Resources](#)

International Students can be enrolled directly in the final year

Possibility to continue as PhD student

PhD Programmes

10 specialities for PhD studies

- Materials science and engineering
- Mechanical engineering
- Process engineering
- Environmental science and engineering
- Earth and universe sciences
- Applied mathematics
- Computer science
- Image modelling, signal analysis and visualization
- Industrial engineering
- Microelectronics

6

Fields of excellence

- **Health** (Biomechanics and Biomaterials, imaging, hospital management)
- **Energy and Processes** (Nuclear, gas-oil, hydrogen technology, wood gasification)
- **Optimized Materials** (for aerospace, automotive, nuclear (Carbon Light Energies))
- **Industrial Engineering** (Information Systems, logistics, IT)
- **Environment** (Environmental Management, Sustainable Development)
- **Microelectronics** (Flexible substrates, packaging, secure communicating solutions)

Organized in 5 research centres

[Centre for biomedical and healthcare engineering \(CIS\)](#)

[Centre of Microelectronics in Provence \(CMP\)](#)

[Henry Fayol Institute](#)

[Materials Science and Mechanical Engineering \(SMS\)](#)

[Centre for Chemical Engineering \(SPIN\)](#)

1816	Year of foundation by Royal Decree. Oldest elite engineering school in France, outside Paris
950	Graduate engineering programs “Grande Ecole” and MSc students (32% international students)
170	PhD students (50% international students)
378	Staff (135 researchers / 70 holding a HDR/ more than 400 ranked A publications per year)
9500	Alumni, a strong network around the world
IMT	Member of Institut Mines Télécom, the number 1 engineering and management graduate schools in France

Rankings and awards

- Since 2019, Mines Saint-Etienne is in the **Times for Higher Education** international ranking, among the world’s top 250 higher education and research institutions in Engineering and Technology. In this category, it is the 1st best French school in its Region
- Since 2018, the **Certificate for Quality in Internationalisation award** confirms a strong international and intercultural dimension in its engineering teachings
- The **Bienvenue en France Label** attests the quality of welcoming and integration for international students since 2019

