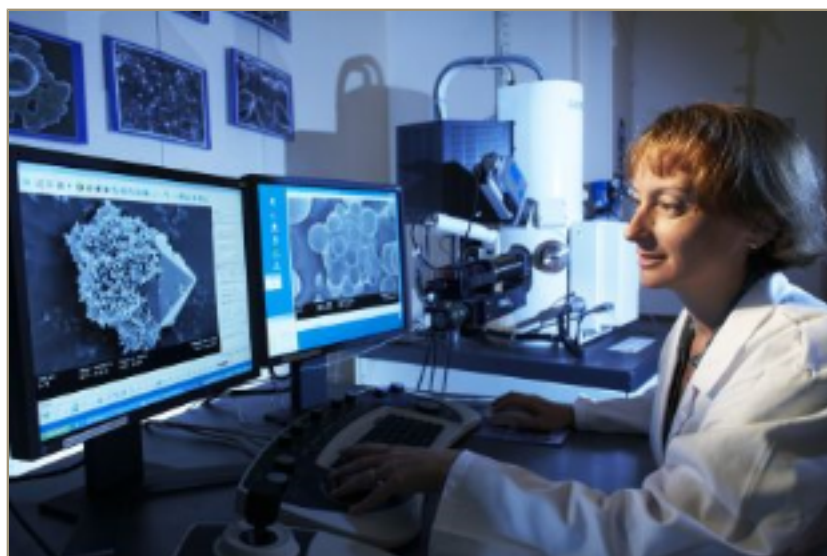


Master Sciences et génie des matériaux

## Parcours Engineering of functional materials

### Présentation



This master program is offered within Grenoble Institute of Technology (Grenoble INP) Phelma. Additionally, it can be followed partly within the framework of international masters in partnership with other European universities. These master programs have dedicated admission procedures:

- Master FAME+ (Functional advanced materials engineering)
- Master AMIS (Advanced materials for innovation and sustainability)

This course, entirely in English, has a specific registration fee of 5 000 € / year.

This master program aims at educating researchers for industry and academia in all sectors of materials engineering (structural and functional materials). In the framework of the Engineering school Phelma of Grenoble Institute of Technology, it delivers a high-level curriculum on the fundamentals of materials science and on applied materials engineering. The two second-year programs offer specialization respectively in the area of microelectronics and microsystems, in relation with the very active industrial sector in this area in Grenoble, and in the area of materials for nuclear engineering, in relation with the largest French industrial actors.

The master diploma can lead to a career in industry or to continuation with a PhD. Many PhD opportunities are offered in the many labs of the Grenoble area.

### Admission

Admission is possible after a curriculum in the fields of materials chemistry, physical chemistry, process engineering and electrochemistry. Admission is made at level master (after validation of a license 3) or at level master 2nd year (after validation of an master 1st year).

See [Grenoble INP website](#)

## Poursuites d'études

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- Doctorate in Electrochemistry
- Doctorate in Process engineering
- Doctorate in Materials science and engineering
- The master program can be followed by a PhD. The following doctoral school in Grenoble is particularly suited : doctoral school of engineering, materials, mechanics, energetics, environment, processing, production (IMEP2). Links exist with the International doctoral school IDS FunMat within the EMMI (European Multifunctional Materials Institute)

## Infos pratiques :

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- > Composante : Grenoble INP - Phelma (Physique, électronique et matériaux)
- > Niveau : Bac +5
- > Durée : 2 ans
- > Type de formation : Formation initiale / continue, Formation en apprentissage
- > Lieu : Grenoble - Domaine universitaire

## Contacts

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### Responsable pédagogique

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### Secrétariat de scolarité

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## Programme

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Awaiting update