1-YEAR INTERNATIONAL POST-MASTER PROGRAMME

Advanced Master in Materials, Processing and Modelling

- High-level teaching
- Computational mechanics and applied mathematics
- Microstructure science and engineering
- Financial support from Industry
- Materials and processes
- Industrial visits and conferences

MINES ParisTech

MaPMod - France

Cemef
Advanced Master MaPMod

- 1-year programme with a professional aim in the framework of materials science.
- 1/3 of the academic programme chosen by the student.

Each student works with an industrial partner for the whole year

**Most of the industrial partners**

- Provide the industrial topic.
- Take in charge the tuition fees of the student.
- Sponsor part of the living expenses.

**Admission Procedure**

- Pre-selection based on academic prerequisites. Priority is given to recently graduate students.
- Application form available on mapmod.cemef.mines-paristech.fr
- Academic interview. Videoconference is available.
- Industrial interview (optional) to finalize the application on a given industrial project. Industrial Partner can delegate their choice to the CEMEF.

**Who can apply?**

Graduates with a scientific Masters degree or equivalent diploma.

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Do you know?

An Advanced Master is a Mastère Spécialisé (M.S.), a French postgraduate programme labelled by the Conférence des Grandes Ecoles (CGE). MINES ParisTech delivers a diploma of Formation Spécialisée according to examination results, project report and oral presentation.

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**600 hrs of courses taught in English organised in:**

- Fundamental knowledge (mechanics, materials physics, numerical analysis).
  - 150 hrs
- Professional teaching, industrial visits and conferences.
- Specialization courses to be chosen by the student.
- Preparation of the industrial project. This leads to a written report and an oral defence.
- Skills acquisition assessment results from individual or group work within semi-industrial projects.

**from April to September**

**Industrial training**

The internship provides the opportunity to apply the acquired skills from the Advanced Master's degree in a professional environment, concluding with both a written report and oral defense.

**from end September to March**

**MaPMod objectives**

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*See the website for more details.
Enlarge your expertise with a tailored post-master degree.

Some examples of expertise you can get:

- Process Product Design
- Simulation
- Computational Mechanics
- Experimental Metallurgy
- (bio)polymer processing
An international Programme in a great environment

MINES ParisTech
- Graduate school with 225 year history.
- 1,440 students.
- 15 research centres, 260 talented professor-researchers.
- 1st school for partnership research, a unique link with companies.

MINES ParisTech Campus at Sophia Antipolis
- 5 advanced master programmes (4 international).
- 80 advanced masters' students.
- 120 Ph.D. students.

Sophia Antipolis
- Renowned Science & Technology park of excellence in the South of France, on the French Riviera.
- More than 1,400 companies, 30,000 high-tech jobs.

CEMEF
- Research centre of MINES ParisTech.
- 150 people including 90 students.
- A unique combination of experimental facilities and computing resources.
- Advanced master programmes since 1987.

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