



Industrie Minérale & Territoires

Chaire Recherche et Formation

POSTMASTER DEGREE® offered by three French higher Education Institutions: **MINES Paris - PSL, Geology Nancy and MINES Nancy** in the framework of the Chair “Mineral Industry & Territorial dynamics”



MINERAL RESOURCES INDUSTRY & SOCIETY (MIRIS)

To train experts of the mineral resources industry to assist the mining sector towards the best possible integration of mining projects in their physical and human environment through dialogue between the territory stakeholders

WHO SHOULD ATTEND?

- Professionals of the mining industry,
- Environmental engineers,
- Young graduates (MSc or MEng),
- Technicians with professional experience,
- Executives and decision makers in economic and social development, executives of public administrations,
- Teachers, trainers ...

INFORMATION

Next session: October 2024

Duration: 12 months

Core courses: October 2024 to January 2025

Majors: February to April 2025

Professional thesis: May to September 2025

Language: English basically – French possible if all students are French speaking people

Training fees for company: 15 000 €

Training fees for individual students: 7 500 €

Registration fees: 800 €

Registration until July 2024

Please contact us to receive the registration form

CONTACT PERSON

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PROGRAMME

CORE COURSES: mineral resources industry, environmental & social issues

(450 hours – 25 ECTS) in Fontainebleau (France) near Paris

Field works in engineering geology, mining and environment; overview of the mining process: exploration, mining and processing methods; sampling; economic evaluation of mining projects; environmental, social and human issues; safety; crisis simulation; geopolitics, market and role of lawyer and bank.

MAJOR 1 – Open-pit and underground mining operations

(450 hours – 20 ECTS) in Fontainebleau (France)

Geomechanics and water management; deposit modelling, resources evaluation and mine planning; synthesis workshop: “from exploration to mining”; technical aspects (blasting, sizing of mining equipment fleet, etc.); reconciliation; uncertainties and risks; technical visits.

MAJOR 3 – Beneficiation and mineral processing (English only)

(330 hours – 20 ECTS) in Nancy (France)

Characterization of the mineral / water interface; resource modelling and evaluation; mining of mineral raw materials; ore processing and case studies; advanced mineral processing; recycling; resource management.

PROFESSIONAL THESIS

630 hours – 30 ECTS, from May to September

WHY A PROFESSIONAL THESIS?

The professional thesis is a study and research work applied to each major of the programme. The subject is defined by the student and his/her organization or company of origin in relationship with his/her actual or future professional concerns. During this work, the student is supervised by an academic tutor and a professional tutor.

