The organization of the teaching modules includes up to 120 ECTS credits over two academic years detailed as follows:

- M1 year: UE1 - UE14
- M2 year: EU15 - UE19

A Master internship (6 months) represents 30 credits.

- UE1: Risk identification (principles and key concepts)
- UE2: Risk assessment (methods, natural catastrophes (earthquakes, forest fires))
- UE3: Disaster modelling (accident modelling, resilience of critical infrastructures)
- UE4: Hazard and response (industrial hazards: fire, explosion, toxic release; mitigation)
- UE5: Crisis management (CBRNE, Oil & Gas management, cybersecurity)
- UE6: Chemical hazard (runoff reactions, chemical engineering)
- UE7: Preparedness and response (logistics in disaster context, response)
- UE8: Disaster management (water crisis management, health issues, humanitarian actions)
- UE9: Disaster resilience (risk, prevention, relations with stakeholders, large scale rescue operations)
- UE10: Disaster and human factor (resilience and human factor)
- UE11: Disaster Medicine (emergency medicine, training with serious games)
- UE12: Health emergencies (humanitarian actions, quality management, healthcare preparedness)
- UE13: Data management (data preparedness, decision making, communication strategies, data management, digital cartography)
- UE14: Intercultural management 1
- UE15: System engineering (organizations modeling)
- UE16: Intercultural management 2
- UE17: Oil and gas management 1 (safety & dependability, project management)
- UE18: Oil and gas management 2 (HSE engineering, sustainable development)
- UE19: Internship (6 months)
ADMISSION REQUIREMENTS
Applicants must hold a 4-year Bachelor of Science degree in the field of engineering (environmental sciences, logistics, and management) or sciences (chemistry, mechanics, and physics). Applicants with a first experience in industry are also eligible.

LANGUAGE REQUIREMENTS
English
- Mother tongue or
- Bachelor degree taught in English or
- English test such as
  - TOEFL IBT 80
  - IELTS 6.0
  - TOEIC 750
  - Cambridge CAE
No prerequisite in French

APPLYING
All applications should be completed on-line: https://msc-application.mines-ales.fr:
Information can be requested at: admission-damage@mines-ales.fr
Applications are open from February to July every year.

FEES AND POSSIBLE SOURCES OF FUNDING
(FEES VALID FOR 2021 ENTRY)
Standard fees for 24 months are:
- € 15,000 for non EU+student,
- € 10,000 for EU+students (member states of the European Union + Iceland, Lichtenstein, North Macedonia, Norway and Turkey).
Some costs may be funded by certain French embassies or within the framework of agreements between certain international institutions.
Compulsory taxes (medical insurance, immigration office…) is about € 300/year. An additional healthcare cover is strongly recommended for a remaining 30% (€ 200/year approx.)

HIGHLIGHTS
• A 6-month MSc thesis in industry or in a public research lab.
• A quality charter to welcome international students to IMT Mines Ales international campus.
• Masters taught entirely in English and in small groups.

JOB OPPORTUNITIES
Students completing this Master of Science may consider a wide range of job opportunities :
• Private sector (Disaster manager, Disaster recovery officer, Emergency Management coordinator),
• NGOS (local and international),
• Research institutes/academies…
• Civil protection Agencies (government, international developpement office)

CONTACT :
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www.mines-ales.fr

Wondrous experience and really happy to be a part of IMT Mines Ales. Extraordinary support from the teaching and non teaching staff. Good infrastructure and it is highly appreciable that we are having sessions with the professors of top universities around the world. I strongly recommend this institution to build your career.

Hiran MOHAN, indian student