



DAMAGE DISASTER MANAGEMENT AND ENVIRONMENTAL IMPACT

INTERNATIONAL MASTER OF SCIENCE

ACCREDITATION

Master accredited by the French Ministry of Higher Education and Research and co-managed by IMT Mines Alès and Université de Nîmes.

KEY WORDS

Disaster Management, Risk Assessment, Environment, Impact Assessment, Emergency Medicine, Project Management, Human and Social Sciences, Information and Communication Technologies.

LOCATION

Courses will be held on the campus of IMT Mines Alès in the Occitanie French southern Region. The Occitanie Region is known worldwide for its businesses and research clusters in aeronautical and space sectors in Toulouse (with headquarters of Airbus), Montpellier (the oldest Medical School in the world), Nîmes (famous for its cultural heritage).

STRONG POINTS OF THE SCHOOL/PROGRAM

- Study in Alès in the south east region of France,
- International Faculty
- A 4 month master internship in industry or in a research lab
- Intercultural seminars
- Free French language courses
- A MSc program boosted by reputed research departments
- An international team for international students

COMPETENCE ACQUIRED

Knowledge in basic engineering and environmental science engineering with a particular attention for research applied to industry, economy and society.

Crisis management, coordination action and joint response planning by civil protection agencies and humanitarian operations.

LANGUAGE OF TEACHING

100% English

COURSE AIMS

The Master of Science DAMAGE serves as an interface and environmental impact assessment. This multidisciplinary approach will allow students to strengthen their knowledge base by integrating an international dimension on large-scale crises. The proposed courses will allow students to assess the risks (risk analysis methods), propose solutions for risk reduction and preparedness planning.

PROGRAM

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

- M1 year:
 - Risk identification
 - Risk assessment
 - Disaster modelling
 - Hazard and response
 - Crisis management
 - Chemical hazard
 - Preparedness and response
 - Disaster management
 - Disaster resilience
 - Disaster and human factor
 - Disaster Medicine
 - Health emergencies
 - Data management
 - Intercultural management 1
 - Internship (6 weeks)
- M2 year:
 - System engineering
 - Intercultural management 2
 - Oil and gas management 1
 - Oil and gas management 2
 - A Master internship (4 months) represents 30 credits.



DAMAGE: DISASTER MANAGEMENT AND ENVIRONMENTAL IMPACT

INTERNATIONAL MASTER OF SCIENCE



ADMISSION REQUIREMENTS

Applicants must hold a Bachelor of Science degree in the field of engineering (environmental sciences, logistics, management, computer science, biological science, medical sciences, etc...) or sciences (chemistry, mechanics and physics, etc...).

LANGUAGE REQUIREMENTS

English

- Mother tongue or
- Bachelor degree taught in English or
- English test such as
 - ▶ TOEFL IBT 80
 - ▶ IELTS 6.0
 - ▶ TOEIC 750

No prerequisite in French

APPLYING

All applications should be completed on-line free:

<https://imt-mines-ales.fr/nos-formations/master-damage>

Information can be requested at:

admission-damage@mines-ales.fr

Applications are open from mid-January to end of June.

FEES AND POSSIBLE SOURCES OF FUNDING

Standard fees for 24 months are:

- €9000/year for non EU student
- €6850/year for UE students (member states of the European Union + Iceland, Lichtenstein, North Macedonia, Norway and Turkey).

Compulsory taxes (medical insurance, immigration office...) is about € 600/year. An additional healthcare cover is strongly recommended for a remaining 30% (€ 250/year approx.)

HIGHLIGHTS

- A 4 month Master Internship in industry or in a public research lab.
- 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 development office)

CALENDAR

One intake per year (October).

Year 1: Two academic semesters at IMT Mines Alès.

Year 2: One academic semester at IMT Mines Alès
4 month Master Internship, in France or abroad.

FOLLOW IMT MINES ALES ON SOCIAL NETWORKS

Facebook: EMAMasterDAMAGE

Instagram: imt.mines.ales

Facebook: MinesAles



Testimony



The Damage program had a great impact on me, empowering my engineering background in disaster management and environmental impacts in designing projects for a resilient future. I have fully enjoyed these two years of studying as the courses are totally diversified, well assorted and oriented. Studying in Ales was an introduction to the French culture, discovering new places in South of France and learning French.

Fatema EASA BELAL NASER BELAL,
Emirati student

CONTACT:

imt-mines-ales.fr/nos-formations/master-damage

Mail: admission-damage@mines-ales.fr

Phone: +33 4 66 78 51 83

IMT Mines Alès

6 avenue de Clavières
30319 Alès cedex - France

www.imt-mines-ales.fr

