

UPO UNIVERSITÀ DEL PIEMONTE ORIENTALE

● VERBANIA

● BIELLA

● NOVARA

● **VERCELLI**

● TORINO

● ASTI

● ALESSANDRIA

● ALBA

● FOSSANO

MASTER OF SCIENCE

DISASTER AND HEALTH

CRISIS MANAGEMENT

DISASTER AND HEALTH CRISIS MANAGEMENT

MASTER OF SCIENCE

The Master of Science in Disaster and Health Crisis Management is a **two-year** MSc entirely in **English**. It is a **blended program**, offering a combination of online and on-campus activities. The face-to-face classes are held in **Vercelli**.

It aims at equipping its students with essential skills for understanding national and international crisis scenarios and implementing a **systemic approach to emergencies, disasters, and health crises**.

The curriculum proposed is highly **interdisciplinary**. It includes training activities in the fields of psychology, sociology, and politics in emergency, disaster, and humanitarian crisis contexts, as well as in international humanitarian law and disaster management. It covers also historical and geographical aspects related to disasters and humanitarian crises, and provides economic knowledge in the field of integrated emergency management, including resilience, capacity building, and business continuity.

The training path includes seminars, distance and in-person group work, virtual reality simulations, tabletop exercises, and full-scale exercises based on real events, with the aim of applying the knowledge acquired during the course of study and providing both technical and non-technical skills considered essential for fieldwork. In the fourth semester, all students must complete a non-paid internship of 450 hours (18 CFU) in an institution, company, research center, NGO, or governmental body active in the field of health crisis management.



Photo Riccardo Bellezza



TEACHING PLAN

FIRST YEAR

| FIRST SEMESTER | | CFU* | SSD |
|---|---|------|--------|
| Governance and sociology of disasters, and health crises | Emergency and disaster governance | 6 | SPS/11 |
| | Sociology and social analysis of crises and disasters | 6 | SPS/07 |
| Disaster law and human rights | Private and disaster law | 4 | IUS/01 |
| | Human rights and protection of people | 4 | IUS/07 |
| | International humanitarian and disaster law | 4 | IUS/14 |

SECOND SEMESTER

| | | | |
|---|--|---|-----------|
| Geography of conflicts, disasters, and health crises | Geography of conflicts, disasters, and health crises | 6 | M-GGR/02 |
| Economics, finance and supply chain in disasters and health crises | Economic policy in disasters and humanitarian crises | 6 | SECS-P/02 |
| | Economics applied to disasters and humanitarian crises | 6 | SECS-P/03 |
| | Finance and supply chain management in disasters and humanitarian crises | 6 | SECS-P/06 |
| Global Health and Disaster Medicine | Disaster medicine | 4 | MED/41 |
| | Global health and public health emergencies | 4 | MED/42 |



SECOND YEAR

| FIRST SEMESTER | | CFU* | SSD |
|---|---|------|--------|
| Disaster and humanitarian health | Emergency medicine | 2 | MED/09 |
| | Disaster medicine | 4 | MED/41 |
| | Epidemiology and research in disasters and humanitarian crises | 4 | MED/42 |
| | Forensic medicine and human rights | 2 | MED/43 |
| | Nursing sciences applied to disasters and humanitarian crises | 1 | MED/45 |
| | Technical medical sciences applied to disasters and humanitarian crises | 2 | MED/50 |

SECOND SEMESTER

| | | | |
|---|---|----|-----------|
| Natural and technological hazards, and technologies applied to disasters | Geological, climatic risks and environmental monitoring | 3 | GEO/12 |
| | Informatics and technologies applied to disasters and health crises | 3 | INF/01 |
| | CBRNE events and chemistry applied to disasters and health crises | 3 | CHIM/02 |
| Ethics and non-technical skills in disaster management | Ethics | 1 | M-FIL/03 |
| | Personal identity | 1 | M-FIL/05 |
| | Project Management | 1 | SECS-P/07 |
| | Life cycle management and assessment | 1 | SECS-P/08 |
| | Organisational theories for disaster management | 1 | SECS-P/10 |
| | Public speaking | 1 | L-LIN/12 |
| | Internship and thesis | 26 | |
| | Elective disciplines | 8 | |

ADMISSION

Access is granted to graduates holding a Bachelor's Degree in specific classes or having acquired at least 18 CFUs in a combination of scientific-disciplinary specified on the course website.

A B2 level in English is required. Students who cannot prove their linguistic level through an international certification (e.g. IELTS, TOEFL) must undergo an online assessment.



JOB OPPORTUNITIES

Graduates from this Master's Degree can hold key positions in organizations involved in crisis and emergency management or in their prevention and mitigation, for example:

- ▶ Officers in organizations working in the field of cooperation and aid to developing countries;
- ▶ Design and implementation of activities for NGOs and other non-profit organizations;
- ▶ Researchers at Universities and Research Centers dealing with issues such as Civil Protection, Disaster Medicine, Climate Change, Cooperation, and Development;
- ▶ Officials in international organizations such as the European Union, WHO, IFRC, ICRC, IOM, UNHCR, OCHA, etc.
- ▶ Consultants in risk management, crisis management, Business Continuity Management.

TUTTA LA NOSTRA OFFERTA FORMATIVA

ALESSANDRIA

LAUREE TRIENNALI

Chimica
Economia aziendale
Educazione professionale
Fisioterapia
Infermieristica
Informatica
Scienze biologiche
Scienze politiche e dell'amministrazione

LAUREE MAGISTRALI A CICLO UNICO

Giurisprudenza
Medicina e chirurgia

LAUREE MAGISTRALI

Biologia
Economia e Management
Intelligenza artificiale e innovazione digitale
Scienze chimiche

ASTI

LAUREE TRIENNALI

Servizio sociale

NOVARA

LAUREE TRIENNALI

Biotecnologie
Economia aziendale
Fisioterapia (anche ad
Alessandria e Fossano)
Igiene dentale
Infermieristica (anche ad
Alba, Alessandria, Biella,
Verbania e Vercelli)
Promozione e gestione del
turismo
Tecniche di laboratorio
biomedico
Tecniche di radiologia
medica per immagini e
radioterapia

LAUREE MAGISTRALI A CICLO UNICO

Chimica e tecnologia
farmaceutiche
Farmacia
Giurisprudenza (per
l'economia e l'impresa)
Medicina e chirurgia

LAUREE MAGISTRALI

Amministrazione, professione
e persone
Biotecnologie farmaceutiche
Management e finanza
Medical Biotechnologies
(100% in Inglese)
Scienze infermieristiche e
ostetriche

VERCELLI

LAUREE TRIENNALI

Chimica verde
Filosofia e comunicazione
Fisica applicata
Gestione ambientale e
sviluppo sostenibile
Infermieristica
Informatica
Lettere
Lingue straniere moderne
Scienze biologiche

LAUREE MAGISTRALI

Biologia
Disaster and Health Crisis
Management
(100% in Inglese)
Filologia moderna,
classica e comparata
Filosofia, politica e studi
culturali
Food Health and
Environment
(100% in Inglese)
Intelligenza artificiale e
innovazione digitale
Lingue, culture, turismo



TUTTI I CORSI

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scopri tutti i dettagli della
nostra offerta formativa



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COME CISI IMMATRICOLA?

Naviga nella sezione
Infostudenti per capire
tutti i passi necessari per
accedere ai nostri corsi



TUTTI I SERVIZI A TUA DISPOSIZIONE

Abbiamo pensato a una
rosa di servizi fatti su
misura per migliorare la
tua esperienza all'UPO