Cycle view of the study programme

		Bl	Or	Th	Pr	Au	Cr

This programme is organised in partnership with ULB, UCLouvain and UMONS.

Compulsory courses (B1 : 30Cr)

| DCER0139-1 | *Anticipatory crisis planning* - Vincent BECUE, Adelaïde BLAVIER, Sylvain BROHEZ, Arnaud BROUWERS, Sébastien BRUNET, Philippe BURETTE, Catherine DELCOURT, JeanMarc DEMELENNE, Catherine FALLON, Aurore FRANÇOIS, Thomas GIJS, Fabien GUÉRISSE, Tony HOSMANS, Olivier LAMBIET, Bettina LEONI, Jadranka LOZINA, Marie MUSELLE, Simon RIGUELLE, Nathalie SCHIFFINO, Olivier SCHMITZ, Fabrice SOBCZAK, Aline THIRY, Frank VANTRIMPONT - [5h Conf., 90h AUTR] | B1 | TA | 330 | - | [+] | **30** |

1) Risk and crisis management - core module (50h of lectures in semester 2)

Theory and concepts of crisis management and emergency planning ¿ Crisis management ¿ The actors ¿ Planning and prevention ¿ Preventive measures during high-risk events and mass gatherings ¿ Crisis communication ¿ Simulation exercises.

2) Lecture series (5h of lectures in semester 1)

3) Territorial resilience (32h of lectures in semester 1)

Regional resilience strategy: issues and applications ¿ Tools and methods to diagnose vulnerabilities ¿ Use of media in crisis management / resilient reconstruction ¿ Informal community self-organisation in situations of crisis / reconstruction ¿ Operationalisation and regional resilience on a local level (practical work).

4) Technological risks (48h of lectures in semester 2)

Module 1: Dangerous substances ¿ Globally Harmonised System of Classification and Labelling of Chemicals (GHS) ¿ Module 2: Radioactive substances ¿ Module 3: The Seveso 3 Directive ¿ Module 4: Types and phenomenology of major accidents ¿ Module 5: Transport of dangerous substances ¿ Module 6: Land use planning and SEVESO specific emergency and specific emergency and intervention plans (PPUI) ¿
Module 7: Major accidents ¿ feedback.

5) Multidisciplinary management of exceptional situations (54h of lectures in semester 2)

Module 1: the principle of emergency medical assistance (AMU) in Belgium, the emergency centre emergency number (CS112), the organisation of medical assistance in collective emergency situations. Module 2: victim traceability, specific police procedures, securing the advanced medical post (PMA) in terrorist situations - Module 3: pandemic planning, emergency airport plans, collective intoxications, humanitarian aid and natural disasters - Module 4: nuclear, radiological, biological and chemical risks (NRBC), individual psychological reactions. Identification of victims - Module 5: role of the emergency rapid response unit (SMUR), the concept of the advanced medical post (PMA), on site triage and PMA triage, managing evacuations, medical intervention plan (PIM) and Maxipim - Module 6: dealing with multiple burn victims and the Belgian Association for Burns Injuries (BABI) plan, TECC teams, polytraumas.

6) National crisis management and international aspects (60h of lectures in semester 2)

In-depth introduction to national crisis management in Belgium: (A) existing legislation and emergency plans, (B) the various sectoral authorities, (C) risks that could lead to federal coordination.

7) Risk culture (30h of lectures in semester 1)

8) Risk and heritage - preventive conservation strategies and crisis management (18h of lectures in semester 2)

9) Planning techniques (18h of lectures in semester 1)

10) Crisis communication (12h of lectures in semester 2)

11) Major events (8h of lectures in semester 2)

12) Portfolio (90h other activities)