

**EMPHID**  
**Public Health in Disasters**

**Duration:** 12 months

**Course description:**

The Erasmus Mundus Master Course in Public Health in Disaster (EMPHID) is offered by a partnership composed by Universidad de Oviedo (Spain), Karolinska Institutet (Sweden) and the Université catholique de Louvain (Belgium) and offers a solid background to understand, analyse and respond to disasters focusing on the health system and the reduction of disaster risks. The potential Master students are professionals interested in Public Health disaster research and management, specially those involved in disaster risk reduction, prevention, preparedness, response and recovery as well as research from a wide professional origin including doctors and nurses, engineers, risk managers, policy and decision makers, public services officials, logisticians, researchers and social scientists, staff of public and private national and international relief organisations (UN, NGOs etc).

The approach and content of the Master is responding to the main Public Health challenges caused by disasters to communities and countries, using the basis of the United Nations Strategy for the Disaster Reduction (UN-ISDR) and focusing on disaster risk reduction (DRR). The course is one academic year (total student workload of 60 ECTS) and offers two specialization tracks: one focusing on the Public Health Response to disasters while the other is on Research Epidemiological Surveillance. Students will carry out the Master courses in at least two different countries. Semester 1 starts with a common introduction followed by a 20 ECTS core module at Oviedo University about disaster risk assessment, management and reduction, main disaster response systems and study of disaster types. Also basic concepts about public health in disasters, disasters epidemiology and research methods will be covered. Students will then have a mandatory mobility according to their previously selected study track: 1. Start of "Advanced Public Health in Disasters" at Karolinska Institutet, (10 ECTS), or 2. Start of "Advanced Disaster Epidemiology and Research Methods" at Université catholique de Louvain.

Semester 2. Students will continue their advanced modules at Karolinska Institutet or at Université catholique de Louvain, including introductory courses on how to plan and carry out their thesis will be taught. For their last 20 ECTS students will participate on an internship, collect the data for and write their thesis. Theses will be supervised by a professor from one of the three partner universities - eventually co-tutored by staff from the associated centres where the student carries out the thesis data collection. The EMPHID associated members are: Universidad Rey Juan Carlos (Spain), Tata Institute of Social Sciences (India), National Institute of Public Health (Cambodia), Centers for Disease Control and Prevention (USA), Harvard University (USA), Johns Hopkins University (USA), Universidad Alas Peruanas (Perú), University of Tel Aviv (Tel Aviv, Israel) and Chinese University of Hong Kong (China).

**Website:** <http://www.pubhealthdisasters.eu>

**Partners:**

UNIVERSIDAD DE OVIEDO, Spain (Co-ordinating Institution)  
UNIVERSITE CATHOLIQUE DE LOUVAIN, Belgium  
KAROLINSKA INSTITUTET, Sweden

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