



School of Public Health (SPH)

Department of Health in Emergencies and Disasters

Health in Emergencies and Relief Operations (HERO)



Course Organizer:

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Introduction

The HERO (Health in Emergencies and Relief Operations) course is meticulously designed to advance professionalism and practical skills in handling health crises caused by natural or man-made hazards. Distinctly oriented towards field education and hands-on training, this program emphasizes real-world decision-making, equipping participants to navigate the complexities of emergency scenarios effectively. With a profound emphasis on practical application, the HERO course integrates rigorous field exercises with theoretical learning, encouraging participants to apply public health principles directly to the needs and situations of affected communities. By promoting a multidisciplinary and collaborative approach, the course aims to prepare participants for emergency settings, ensuring they can confront challenges, uphold health standards, and implement effective strategies. The HERO initiative brings together participants from various backgrounds, enabling an enriching exchange of experiences and focusing on practical outcomes in emergency health response.

Why Participate in the HERO Course at TUMS School of Public Health (SPH)

- **Practical Training:** Emphasizes hands-on training for real-life emergency scenarios.
- **Global Recognition:** Provides internationally recognized certification from a prestigious university.
- **Research Excellence:** Leverage top-notch research and teaching facilities.
- **Unique Curriculum:** Unique focus on health in disasters and emergencies.
- **Expert Faculty:** Learn from internationally experienced academics.
- **Innovative Learning:** Embrace quality, creativity, and empowerment in education.
- **Historical Significance:** Part of a program with a rich legacy in health emergency management.
- **Multidisciplinary learning;** Uses international experts from different disciplines.
- **Interactive Learning:** Uses interactive and innovative methods of formal and informal learning

About the HERO Course at the SPH-TUMS

The School of Public Health (SPH) introduces the HERO (Health in Emergencies and Relief Operations) Course, maintaining a dynamic network of partnerships and collaborations with notable organizations such as the World Health Organization, International Federation of Red Cross and Red Crescent (IFRC), International Committee of Red Cross (ICRC), UN agencies and other international Organizations. At SPH, students have the unique opportunity to learn from pioneering and distinguished faculty known globally for their expertise in public health emergencies and disaster response. The HERO course is meticulously crafted to equip students with practical, field-based skills essential for handling health crises due to man-made emergencies, conflicts, natural disasters, and epidemics. It's designed for those actively working or aspiring to work in emergency health sectors both regionally and internationally. By enrolling in this two-week intensive program, participants don't just gain academic knowledge; they immerse themselves in the reality of health emergencies, engaging in hands-on activities and simulations that mirror real-life challenges. The experience aims to be not only educational but also profoundly impactful, leaving participants with lasting skills and insights for effective emergency response and relief operations.

Course Description

The HERO (Health in Emergencies and Relief Operations) Course is a focused, two-week program conducted annually at SPH-TUMS, specifically designed for practical, field-based learning in emergency health scenarios. Emphasizing hands-on training and simulations, this full-time course equips participants with the skills needed for effective response in disaster situations. The program facilitates an immersive learning experience aimed at professionals in the health emergency sector.

Admission Requirements (Eligibility Criteria)

All applicants for the HERO Course must meet the following criteria:

1. At least 1-3 years' work experience in humanitarian crisis or related fields.
2. Active or upcoming involvement in managing interventions or operations in emergency settings.
3. Professional background in health (e.g., doctors, nurses, and public health officers), engineering (e.g., water and sanitation), strategic management, or other disciplines related to humanitarian crisis management.
4. Proficiency in English, capable of communication and active interaction during the course.
5. Selected by the Admission Committee based on professional experience and academic background.

Additionally, the following criteria are preferred:

1. Diverse professional expertise and experience from different regions and organizations (e.g., Ministry of Health, Red Cross/Red Crescent, UN agencies, NGOs).
2. Individuals pursuing continued education in related fields.

Registration

Applicants must fill out the Online Application Form and submit it along with a Letter of Motivation and an updated Curriculum Vitae (CV).

Admission Procedures

The HERO program is limited to 25 participants per academic year to maintain a high quality of learning and interaction. The TUMS Admissions Committee reviews all applications thoroughly to select the most qualified candidates. Acceptance letters will be issued by TUMS and sent to the successful applicants, confirming their admission to the program.

Tuition Fees

The tuition fees for the HERO Course, including student insurance, dormitory accommodations, and meals at TUMS, is 1100 USD. Some participants may receive partial or full scholarships from TUMS.

Contact Information

For any inquiries or additional information, please reach out to the Office of International HERO Admissions at:

- **Address:** School of Public Health, Tehran University of Medical Sciences, Pour Sina St., Tehran, Iran, PO Box: 1417613151.
- **Telephone:** +98 88951401 - +98 42933153
- **Fax:** +98 88951401
- **Email:** ostadtaghizadeh@gmail.com
- **Website:** yun.ir/ln2vy7

Topics covered in the course

No.	Topic
1	Essentials of disaster management and Humanitarian aids
2	Nutrition and Livelihood Support
3	Public Health Engineering
4	Sexual and Reproductive Health
5	Dignified Management of Human Remains
6	Vector Control in Disasters and Emergencies
7	Camp Designing and Sheltering
8	Mass Casualty Management
9	Incidence Management Systems
10	Disaster Rapid Assessment
11	Triage and Medical Mission
12	Telecommunication and Positioning Systems
13	Communicable Diseases Control and Surveillance System
14	Non-Communicable Diseases
15	Mobile Health Care Services
16	Mental Health and Psychosocial Support
17	Community Engagement and Mobilization
18	Staff Safety and Security
19	Risk Communication with the Media & Through Social Media