**Health in Disasters and Emergencies**

### **MSc in** **Health in Disasters and Emergencies**

Health in Disaster and Emergencies is an interdisciplinary program that covers different stages of disaster risk management including, mitigation, preparedness, response, and recovery in disasters and emergencies (such as natural, man-made, and biological disasters). Specifically, the program will enable graduates to:

* Plan and develop policies, and lead efforts in managing and reducing the risks and injuries caused by various types of disasters
* Assist policy-makers in making sound decisions in critical situations

**Prerequisite Courses**

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| **Course list** | **Credit hours** |
| Medical information systems | 1 |
| Biostatistics | 2 |
| Fundamentals of epidemiology | 2 |
| Technical English language | 3 |
| Medical emergencies | 2 |
| Fundamentals of health services management | 2 |

**Core Courses**

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| **Course list** | **Credit hours** |
| Fundamentals of management in emergencies and disasters | 2 |
| Health services system in Iran and the world | 2 |
| Prevention and mitigation in emergencies and disasters | 2 |
| Preparedness in emergencies and disasters | 2 |
| Common hazards in Iran | 2 |
| Response in emergencies and disasters | 2 |
| Recovery in emergencies and disasters | 1 |
| Public health in emergencies and disasters | 2 |
| Hospital and pre-hospital planning in emergencies and disasters | 2 |
| Epidemiology and research methods in emergencies and disasters | 2 |
| Seminar | 1 |
| Internship | 2 |

**Elective Courses**

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| **Course list** | **Credit hours** |
| Designing, implementation and evaluation of exercise in emergencies and disasters | 2 |
| Psychological and social health in disasters | 2 |
| Public and international assistance in emergencies and disasters | 2 |
| Fundamentals of risk communication in emergencies and disasters | 2 |
| Health services in mass gatherings and complex emergencies | 1 |
| Education in disasters | 2 |
| Hospital and pre-hospital emergency management | 2 |
| Reproductive health in emergencies and disasters | 2 |
| Environmental health measures in emergencies and disasters | 2 |
| Primary clinical services in disasters | 2 |
| Communicable diseases management in emergencies and disasters | 2 |
| Management and information technologies in disasters | 2 |
| Non-Communicable diseases management in emergencies and disasters | 2 |
| Qualitative studies | 2 |
| Protection and safety of employees in emergencies and disasters | 1 |
| Result-based planning and management | 2 |