

## Theoretical and practical courses-Ilam University of Medical Sciences

Introduction of the course: Health measures in emergency situations in the second semester of the academic year 2020-2021

School: Department: Environmental Health

Course and degree: Bachelor of Public Health, 2 days semester.

Time and place: Sunday 10-8

Number and type of unit (theoretical): 1 theoretical unit

Name of the person in charge of the course (teacher): Faragh Kazem Beigi

Prerequisite courses: No

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**General Objective of the lesson:** To give the necessary skills to students in the field of implementing emergency health programs and the necessary recommendations in this regard

Specific or partial objectives of the course:

At the end of this course, the student is expected to be able to:

- 1- The student can name the types of disasters and related national and international organizations
- 2- Explain how to plan, organize and divide tasks in an emergency
- 3- Be able to describe the position of environmental health in crisis management
4. Explain how to temporarily accommodate, rescue and evacuate the injured
- 5-Describe strategies to combat arthropods and rodents during disasters
- 6- Explain the role of hospitals and emergencies in emergency situations
- 7- Familiarize themselves with different disinfectants and how to disinfect ambulances and emergency supplies and equipment and explain how to use them.
- 8- Explain how to maintain and store food resources hygienically step by step in case of emergency

Student duties (student homework during the semester):

### **Presenting content in the form of a lecture**

- 1- The student is obliged to have the necessary preparation in each session to answer the questions related to the previous sessions in written and oral form.
- 2 - Timely and active attendance at class meetings and provide points of view

**The main sources of the lesson:**

- 1- Disaster Health / Alhayar Arab, edited by Bahram Ghazi Jahani - Tehran: Golban, 2001
- 2- Emergency health measures Volume (1,2) / Engineer Ahmad Asl Hashemi. Tabriz, Akhtar Publishing, 2005
- 3- Guide to improving the environment in natural disasters: Dr. Abolhassan Nadim, Dr. Mohammad Assar- Tehran: University Publishing Center, 1984
- 4- Rapid health assessment strategies in emergency situations / Dr. Iraj Sharifi - World Health Organization Publications
- 5- Disaster Preparedness Guide for Disaster Management / Tehran: Ministry of Health, Disaster Management Training Program

**Teaching methods + teaching aids used:**

Questions and answers about the material presented in previous sessions and written or oral exams. Teaching method is implemented in the form of lectures, questions and answers and group discussions in the form of critical thinking using the facilities of appropriate educational technology (PowerPoint, Overhead and White).

**Methods and time of assessment and evaluation of the student and the bar related to each evaluation:**

End-of-semester exam + questions and answers + active attendance and participation in the classroom + project and presenting a total of 20 points

**Lesson rules and expectations from students:**

- 1- The active participation of the student along with observing the relevant order and principles, respecting the manners of the class and other students, as well as the correct use of materials and teaching aids are essential.
- 2- The presence of students in extraordinary classes is essential. The time of the mentioned classes will be informed in advance to the representative of the class and the education department of the faculty.
- 3- According to the current regulations of the university, absence from more than 2 justified sessions of the classroom is not allowed. If the student has even one unjustified absence, the course will be deleted.

Schedule and predicted contents of each theory session

Session	Topic	Necessary preparation of students before the start of the class
1	Definition of Disasters - Types of Disasters - Related National and International Responsible Organizations	Written and oral questions and answers from the material presented in previous sessions
2	Disaster Management - Disaster Management Components - Measures Before, During, and After Disasters - Organizing, Planning,	

	and Coordinating in an Emergency	
3	The place of environmental health in crisis management - how to live temporarily, including permanent and temporary shelter -	
4	Improving the disaster environment (supply of safe drinking water, waste disposal, waste disposal, water and sewage problems)	
5	Common Diseases After Disasters - The Role of Hospitals and Emergencies in Emergencies	
6	Air pollution from natural disasters - Strategies to combat arthropods and rodents during disasters	
7	Various disinfectants and how to disinfect ambulances and emergency equipment	
8	How to maintain food storage hygienically in an emergency	