**EHS 3210 MANAGEMENT OF PUBLIC HEALTH EMERGENCIES (3 CU)**

**Course description:** The course elucidates the principles of public health emergency management and how to effectively participate in preparedness including prevention and mitigation and response interventions to public health emergencies.

**Course Objectives**

By the end of this course, the student should be able to:

1. Explain the different types of public health emergencies.
2. Identify and categorise the causes of disasters i.e. natural and manmade or technological.
3. Describe interventions to be taken during the various phases i.e. before, during and after an emergency.
4. Collect, process and disseminate data relating to public health emergencies.
5. Demonstrate the ability to liaise with different partners in the containment of public health emergencies.
6. Prepare emergency preparedness plans

**Detailed Course Outline**

* Terminologies used in public health emergency management
* Concepts of disaster risk reduction and disaster risk management
* Causes of disasters i.e. natural and manmade or technological e.g. floods, droughts, conflicts, fires, earthquakes, hazardous materials accidents, terrorism
* Disaster preparedness and mitigation
* Disaster response: mobilisation of appropriate resources (personnel, food, drugs, shelter, equipment, transport and sanitation facilities)
* Hazards and vulnerability analysis
* Recovery and Rehabilitation
* Field visits/work

**Mode of delivery:**

* Lectures, seminars, practical/field work.

**Mode of Assessment**

- Continuous assessment **(40%)**.

- End of semester exam: MCQ’s, short answer and long assay questions **(60%)**.

**Suggested Reading List**

1. Lecture handouts and additional materials on reserve at the MUSPH Resource Centre.

2. War and Public Health. ICRC 1996

3. Refugee Health. An approach in emergency response, MSF 1997

4. Clorke, J. I., Peter Curson S. L. Kayartha and Nay P. Population and disaster.