

Short term Course Information

School	<u>Health</u>
Department	Health, safety, and environment management (HSE)
Name of Program	Hazard identification and environmental risk assessment
Description (500 characters)	This course is designed as a tool to explain all the requirements and compliance to help in the identification of hazards and risk exposures associated to the working environment / or human health. This involves developing and implementing control measures for environmental hazards, given prevailing scientific, social, economic and regulatory influences. This course details the planning, executing and managing major risk with the understanding of organized risk assessment and management, multidisciplinary approach to evaluating scientific data, the techniques involved in analyzing risks, general principles and terminologies used in the field, and limitations of current risk assessment methodologies. Gain an overview of the theory of risk analysis by exploring hazards and risks-perceived or actual-in relation to emergency preparedness, cost benefit analysis, stakeholder influence and risk communication.
Keyword (3 Words)	Hazard, Risk assessment, risk management
Complete Description	<p>Course Objectives:</p> <ol style="list-style-type: none"> 1. Discussing and understanding the fundamentals of the risk assessment and management procedures 2. Identifying and classifying environmental hazards and risks 3. Evaluating the significance and likelihood of environmental harm which might derive from a specific activity. 4. Understanding the scope of environmental risk assessment by specifying what needs to be protected from harm, and by identifying potential harmful effects 5. Identifying risk management choices 6. Discussing the hierarchy of risk management strategies 7. Understanding the legal and ecological risk exposures 8. Understanding human safety and health risk exposures 9. Understanding risk communication <p>Course Content:</p> <ol style="list-style-type: none"> 1. Introduction and overview of environmental risk management and assessment 2. Understanding the context risk management process 3. Environmental Risk Assessment and Hazards 4. Requirements for assessment and hazard identification process 5. Risk Analysis 6. Risk Matrix 7. Tools for mitigating risks 8. How to mitigate risk 9. Hierarchy of controls 10. Environmental performance and Continual Improvement
Program coordinator	<p>Phone :009150060122</p> <p>Fax :</p> <p>Mobile :009150060122</p> <p>Email :tavakkolisani@mums.ac.ir</p> <p>Address : Department of Health, safety and environment management (HSE), Faculty of Health, Mashhad University of Medical Sciences, Mashhad, Iran</p> <p>Contact Person Name : Dr Belin Tavakoli Sani</p>
Length of Training	9 sessions
Language Requirement	Farsi, English
Admission Requirement	<p>The course is designed for Master and PhDs students, academic staff, national and international environmental researcher and their counterpart advisers and assistants who are involved in the implementation of monitoring program.</p> <p>Students will be asked to read peer-reviewed journal articles, watch videos, and review primary source documents to prepare for each class session. Each day of class will provide students with an opportunity to discuss the key issues identified for that day and in the assigned readings. Morning sessions will be lecture and small group presentations. Some mornings we will discuss one or two of the key readings for that day. Some class sessions will be a combination of lecture and discussion; others may be structured for small and large group discussions, case study reviews, and/or student present.</p>
Tuition Fee *	500 US Dollar