




FOUNDATIONS OF EPIDEMIOLOGY: A Comprehensive Continuous Learning Course

Discover the gateway to epidemiology with our comprehensive continuous learning course!

During the course, we will navigate the intricate domain of epidemiological principles, starting with a rigorous introduction and covering a spectrum of morbidity and mortality metrics. We will also progress to an exhaustive examination of the main study designs employed in epidemiology, including cross-sectional, ecological, cohort, case-control, and experimental studies. Furthermore, the course will feature real-time and country-specific case studies for practical elucidation.


Start your journey into epidemiology today!

 **Dates: 18 -23 & 25 July 2024**

 **Time:** from 5 pm till 8 pm

 **Language:** English

 **Modality:** Online (Teams)

 **Training fees:** 150\$ (Fresh Dollars)

 **Registration [click here](#)**



Marianne Moussallem

A skilled public health professional, Marianne earned a master's in public health with a focus on epidemiology and biostatistics from the University of Paris Saclay. Currently, she instructs at Saint-Joseph University of Beirut, specializing in health epidemiology and biostatistics while actively conducting research. Her expertise spans consultancies in humanitarian contexts across the MENA region and globally, with her work featured in published peer-reviewed articles and reports.

LEARNING OUTCOMES:

Module 1	Title: Introduction to epidemiology (3 Hours)
Learning Outcome	To understand the importance of epidemiology in the field of public health.
Topics covered	<ul style="list-style-type: none"> • Define epidemiology. • Summarize the history of the discipline of epidemiology. • Appreciate the utility of the discipline of epidemiology. • Learn to describe a public health problem in terms of its magnitude, affected populations, time, and space.
Module 2	Title: Risk Measures in Epidemiology (3 Hours)
Learning Outcome	Be able to calculate and interpret risk measures and measures of association.
Topics covered	<ul style="list-style-type: none"> • Calculate and interpret morbidity and mortality measures. • Calculate and interpret measures of association: odds ratio, relative risk, etc.
Module 3	Title: Types of Epidemiological Studies (3 Hours)
Learning Outcome	Understand the characteristics of different types of epidemiological studies.
Topics covered	<ul style="list-style-type: none"> • Differentiate between experimental and observational studies. • Understand the characteristics and be able to develop the design of cross-sectional studies. • Understand the characteristics and be able to develop the design of cohort studies. • Understand the characteristics and be able to develop the design of case-control studies. • Understand the characteristics and be able to develop the design of experimental studies.