

Department of Epidemiology and Population Health

Chairperson:	Chaaya, Monique
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Associate Professors:	Ghandour, Lilian; Jaffa, Miran
Associate Research Professor:	Ghattas, Hala ¹
Associate Professor of Public Health Practice:	Fouad, Fouad
Assistant Professors:	El Asmar, Khalil; Mumtaz, Ghina
Assistant Professor of Public Health Practice:	McCall, Stephen
Instructor of Public Health Practice:	Schenck, Catherine
Affiliates:	Akl, Elie; El Bejjani, Martine; Tamim, Hani
Adjunct:	Al Hazoury, Adina

EPHD 203 Epidemiology and Biostatistics 2.2; 3 cr.
An introductory course offered to undergraduates covering the basic principles of Epidemiology and Biostatistics. This course introduces students to the types and sources of epidemiological data, common measures of morbidity and mortality, the design and analysis of various epidemiological study designs and the main biases and issues that threaten data validity. The course also covers exploratory data analysis, and introduces students to statistical techniques commonly used in the analysis of epidemiological data. The students will learn how to run basic statistical analyses on SPSS and interpret statistical output. The lab sessions for the epidemiology sessions will be in the form of discussion of practice questions or articles, and computer lab sessions will mainly introduce students to statistical analysis using the statistical package SPSS.

EPHD 203A Biases in Epidemiology 1.0; 1 cr.
This course is open only to undergraduate students enrolled in the Environmental Health program. In this course, the students will be further exposed to all potential types and sources of bias in epidemiological research and ways to avoid them. These concepts will be illustrated via the discussion of weekly readings. The class will engage the students in team activities and group discussion. *Corequisite: EPHD 203.*

EPHD 213 Survey Methods 1.2; 2 cr.
A course that provides students with a general overview of the principles and stages of survey research. Using secondary data, students will learn to review and synthesize the literature relevant to a particular research question, analyze and summarize the data, as well as present the findings in an oral and written format. Students will also have the opportunity to develop short questionnaires, sample respondents, collect primary data, and enter data on SPSS as part of their course assignments. Throughout the course, students will learn of the main ethical issues that arise through the different research stages. *Prerequisites: EPHD203 or consent of instructor.*

¹) On Leave (LWOP)