



**Course Descriptions for the Graduate Health Education Program
2022/2023**

Common Track Courses

PHE400 Applications of Epidemiology in Public Health

This course includes an in-depth study of the epidemiology principles, concepts, and procedures useful in the surveillance and investigation of health-related states or events. The student will be familiarized with the theory and application of major statistical techniques used in public health as well as to the concept of incidence and prevalence of both communicable and non-communicable diseases. Examples will be stressed with reference to assumptions and limitations. This course will also provide students with necessary skills needed to interpret the epidemiologic literature relevant to health education and health communication.

PHE410 Legal, Ethical, and Social Issues in Public Health

This course focuses on the systematic approaches of ethics and offers a wide spectrum overview of professional ethical concerns including: the nature of health, disease and illness, health promotion and disease prevention, rights, access, and the limits of health care, the physician-patient relationship truth telling and confidentiality, influence of the administration in health service organizations, the formation of health policy, and the planning of health services. Problems that will be discussed also include: issues emerging during moral judgment, cultural relativism, and subjectivism. The course would also introduce the students to potential legal, ethical, and social barriers complicating the incursion of new advances in public health and related-technologies into public and private healthcare delivery efforts.

PHE420 Statistical Models in Public Health

This course covers the aspects of collection, statistical modeling, and methods used in complex biomedical and public health data analysis. Case-based models with primary emphasis on translating subject-area questions into statistical models will also be presented. Students will be trained on the implementation of these models and the interpretation of outputs. The course also highlights the linkage between statistical and subject-area science and policy aspects of the models.

PHE430 Health Informatics

The course covers the major concepts and practices of health informatics including major applications, commercial vendors, decision support methods and technologies, analysis, design, implementation, and evaluation of healthcare information systems. International standards, new opportunities, and emerging trends and current challenges in the development and implementation of health informatics for problem based learning approaches (PBL) or implicated in inter-disciplinary health care systems are also visited.

PHE440 Health Policy Development

This course considers economic, socio-political, and other forces that influence policy formulation and access to care. It gives an overview of the administrative problems and interventions that affect all public health practitioners while formulating and applying public health policies to improve health care, health care delivery, and the health status of populations.



Specialty Track Courses

HED450 Prospective of Health Education

This course provides a comprehensive background in health education and focuses on its role in public health. It intends to review the strategies of persuasion and to examine approaches to successful health education practices with the various factors that influence or are influenced by community health programs or interventions.

HED460 Behavior Modification in Health Education

This course covers the principles of behavior modifications as they relate to health education in both theory and practice. It discusses the application of theories in health education interventions that are designed to modify behaviors of individuals or communities.

HED480 Research in Health Education

This course provides an orientation to research in health education and health communication. It is designed to acquaint the students with recent methods of research, placing an emphasis on developing research in the areas of design, methodology, and data interpretation.

HED490 Health Education Program Planning

This course is designed to familiarize students with the methods and procedures used in developing health education and health communication interventions and programs. A strong emphasis is placed on writing goals, objectives, and selection of health education and communication methodologies and the development of various types of evaluations and analyses of results.

HED500 Media and Health Education

This course is designed to familiarize students with various publicity techniques used in mass media communication, including working with daily and weekly newspapers, magazines, radio, television, film and online media. It examines the principles and practices of working with mass media "gatekeepers" to accomplish campaign objectives as well as strategies and tactics for communicating directly with audiences through new media. Students are expected to develop knowledge and skills related to the production and use of media relations' tools with a focus on health education and health communication.

HED510 Leadership in Health Education

This course is designed to explore organizational theory and behavior essential for successful leadership and management in the area of health education and health communication. This course places emphasis on various communication techniques, leadership styles, and key values that guide a leader's personal and professional behavior.

HED520 Current Issues in Health Education

This course is designed to examine current issues and concerns in health education that could affect the health of individuals and communities. Through research efforts, instructor and student presentations, discussion groups, collaboration, and interaction, teachers will expand students' implicit and explicit knowledge of health education.



Jinan University of Lebanon

Faculty of Public Health



Thesis Courses

HED598 Independent Study

The student has to develop a proposal for an empirical research in consultation with a faculty supervisor. The proposed topic has to be successfully presented by the student and approved by a faculty committee.

HED599 Master's Thesis

This is a research-based thesis that offers students the opportunity to work on a comprehensive, individual project of suitable complexity for results to be published for expert audience. Supervisors are expected to guide students in planning, conducting, and writing the thesis with the belief that writing is thinking, writing is design, and writing forces students to visualize their ideas into reality.