

Master of Public Health in: Epidemiology & Biostatistics:

Chairman:

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Chairman, Epidemiology & Medical Statistics.

Assistant Professor, Department of Medical Education, COM, KSAU-HS

Consultant, Pediatric Surgery, King Abdullah Medical City

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Introduction

The goal of the College of Public Health & Health Informatics is to develop into a Centre of Excellence through partnership with the Liverpool School of Tropical Medicine (LSTM), an international institution with a proven track record in education and international health. The CPH&HI, recognizing the importance of epidemiology as the discipline that underpins the practice of health care at all levels, is offering a Master degree in Epidemiology and Biostatistics to international standards with a view to becoming recognized as the major institution in the advancement of epidemiology and biostatistics in Saudi Arabia. The Master degree, the first in the region, aims to address the severe shortage of qualified capacity in the field of epidemiology and biostatistics in Saudi Arabia. Graduates will contribute to the development and application of epidemiology and biostatistics at hospitals, health centers and in the community, and solve problems that may otherwise hinder the advancement of these disciplines and their utilization.

Study Plan

First Semester:

Module Code	Module Title	Credits
PPHI/511	Introduction to healthcare management	3
PPHI/512	Principles of epidemiology	3
PPHI/513	Principles of Biostatistics	3
PPHI/514	Environmental health	3
Total credit hours		12

Second Semester:

Module Code	Module Title	Credits
PPHI/521	Social and behavioral sciences for healthcare	3
PPHI/522	Health Information Systems	3
APHP/523	Statistical Models in Epidemiology	3

APHP/524	Advanced Study Design/ I	3
Total credit hours		12

Third Semester: (Hospital Epidemiology Stream)

Module Code	Module Title	Credits
APHP/611	Advanced Statistics	3
APHP/612	Nutritional Epidemiology / Genetic Epidemiology	3
APHP/613	Hospital Epidemiology/ I	3
APHP/614	Hospital Epidemiology/ II	3
Total credit hours		12

Third Semester: (Clinical and General Epidemiology Stream)

Module Code	Module Title	Credits
APHP/611	Advanced Statistics	3
APHP/612	Nutritional Epidemiology / Genetic Epidemiology	3
APHP/613	Healthcare Epidemiology	3
APHP/614	Advanced Study Design/ II	3
Total credit hours		12

Fourth Semester:

Module Code	Module Title	Credits
APHP/621	Meta-Analysis and Decision Analysis	3
RPPM/620	Research Project	3
Total credit hours	6	
Credits Hours Grand Total	42	

Optional Modules

Students can choose between two streams: General Epidemiology and Hospital Epidemiology. Please see above for explanation.