

King Saud University  
College of Business Administration  
Department of Health Administration - Masters` Program

HAA 507 – Introduction to Public Health  
First Semester 1441/ 1442

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**Course Description:**

This course Introduces students to concepts of health, disease, biological and physical environments, and factors influencing the population's health. The course explores population health, health equity, sustainability and climate change, and, of course, the public health enterprise. Public health encompasses a broad range of activities and functions, but among its most important are promoting and preserving the health of populations through prevention. The course discusses some of the Saudi health care problems in relation to congenital, physical, psychiatric and iatrogenic issues and how such issues are managed.

**Course Learning Objectives:**

1. Describe the key features of the historical development of public health as a domain of specialized knowledge and public policy.
2. Explain the concepts of prevention, detection, control of infectious and chronic conditions, health disparities, and global health.
3. Identify relationships among the impacts of behavior, socioeconomic status, and culture on health.
4. Explain the impact and control of environmental factors on health.
5. Discuss the 5 core disciplines of public health and how each contributes to understanding the health of the public.

Topics to be Covered		
List of Topics	No of Weeks	Contact hours
Introduction History and Development of Public Health	1	3
Modern Public Health Systems	1	3
Major Disciplines in Public Health	1	3
Data for Public Health	1	3
Epidemiology: Introduction and Basic Concepts	2	6
Study Design	2	6
Biostatistics	1	3

Infectious Disease Epidemiology	1	3
Environmental Public Health	1	3
Risk and Exposure Assessment	1	3
Social and Behavioral Sciences in Public Health	1	3
Ethical Issues and Challenges in Public Health	1	3

### **Readings:**

- **Andresen, Elena & Erin DeFries Bouldin**, Public Health Foundations: Concepts and Practices 1st Edition. Jossey-Bass; (October 12, 2010).

### **Grading:**

5 %.....Attendance and punctuality  
15%..... Case Study  
20 %..... Mid-term exam I  
20%.....Mid-term exam II  
40%.....Final Exam