

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Public Health
Course number	MDCN1328
Faculty	
Department	
Course type	Major Needs
Course level	1
Credit hours (theoretical)	3
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- 1 - Understanding the principles and concepts of public health: Medical students will learn the fundamental principles and concepts that underpin public health practice, including disease prevention, health promotion, and population-based interventions.
- 2 - Examining the determinants of health: Students will explore the various social, behavioral, environmental, and biological factors that influence the health of populations and communities.
- 3 - Analyzing the epidemiology of diseases: Medical students will study the distribution and determinants of diseases in populations, including patterns of occurrence and risk factors.
- 4 - Learning about public health systems and policies: Students will gain insights into the structure and organization of public health systems, as well as the development and implementation of public health policies and programs.
- 5 - Addressing global health issues: The course may cover global health challenges and solutions, including infectious diseases, non-communicable diseases, and other emerging health threats.
- 6 - Emphasizing health equity and social determinants of health: Students will examine the impact of social and economic factors on health disparities and explore strategies to promote health equity.

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none">* Understand the key principles and concepts of public health, including disease prevention, health promotion, and population-based interventions.* Comprehend the determinants of health and the social, behavioral, environmental, and biological factors that influence population health outcomes.* Analyze public health systems, policies, and research methods, and apply this knowledge to address health disparities, advocate for evidence-based policies, and promote health equity
Intellectual Skills	<ul style="list-style-type: none">* Apply critical thinking and analytical skills to evaluate public health data, research findings, and epidemiological patterns.* Develop skills in problem-solving and decision-making to address public health challenges, including the development and implementation of effective interventions.* Communicate effectively and collaborate with interdisciplinary teams to promote public health initiatives and advocate for evidence-based policies.
Professional Skills	<ul style="list-style-type: none">* Develop proficiency in utilizing public health data and research to inform evidence-based medical practice and decision-making* Demonstrate effective communication and collaboration skills when working with diverse stakeholders in public health settings, including patients, communities, and interdisciplinary teams* Apply ethical principles and considerations to navigate public health challenges, including issues related to health equity, social justice, and advocacy for vulnerable populations.

Course Contents

1 - Introduction to Public Health
2 - Epidemiology and Biostatistics
3 - Determinants of Health
4 - Public Health Systems and Policies
5 - Infectious Disease Control and Prevention
6 - Chronic Disease Prevention and Management
7 - Environmental Health
8 - Global Health
9 - Health Promotion and Communication
10 - Ethics and Legal Issues in Public Health
11 - Research Methods in Public Health
12 - Health Disparities and Health Equity

Teaching and Learning Methods

1 - Lectures
2 - Small group discussions
3 - Seminars

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Midterm		30
Quizes		30
Final exam		40

Books and References

Recommended books	"Principles of Epidemiology in Public Health Practice" by CDC (Centers for Disease Control and Prevention) Public Health 101: Improving Community Health" by Richard Riegelman Introduction to Public Health" by Mary-Jane Schneider
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