

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Health Economics
Course number	MDCN4232
Faculty	
Department	
Course type	Major Needs
Course level	4
Credit hours (theoretical)	2
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- 1 - Understand the fundamental principles and concepts of health economics and their application to healthcare systems.
- 2 - Develop skills in economic evaluation and analysis to inform healthcare decision-making, resource allocation, and policy development
- 3 - Apply economic theories and frameworks to critically analyze healthcare financing, cost-effectiveness, and healthcare delivery models

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> * Comprehend the basic principles of health economics, including supply and demand, market dynamics, and efficiency in healthcare. * Understand the concepts of healthcare financing, insurance, and risk pooling, and their implications for healthcare access and affordability. * Gain knowledge of economic evaluation methods, such as cost-effectiveness analysis and cost-benefit analysis, and their role in informing healthcare decision-making
Intellectual Skills	<ul style="list-style-type: none"> * Critically analyze economic factors influencing healthcare delivery, including reimbursement systems, payment models, and provider incentives * Evaluate the economic impact of healthcare interventions, technologies, and policies on population health outcomes and healthcare costs. * Apply economic theories and frameworks to assess healthcare systems efficiency, equity, and sustainability and propose strategies for improvement
Professional Skills	<ul style="list-style-type: none"> * Apply economic evaluation methods, such as cost-effectiveness analysis and cost-benefit analysis, to assess healthcare interventions and programs * Analyze healthcare markets, insurance systems, and financing mechanisms to understand their impact on healthcare access, quality, and affordability. * Collaborate effectively with healthcare stakeholders to address resource allocation challenges and optimize healthcare delivery

Course Contents

- 1 - Introduction to Health Economics
- 2 - Supply and Demand in Healthcare
- 3 - Healthcare Financing and Insurance
- 4 - Economic Evaluation in Healthcare
- 5 - Healthcare Delivery and Efficiency
- 6 - Healthcare Policy and Reform
- 7 - Equity and Access in Healthcare

Teaching and Learning Methods

- 1 - Lectures
- 2 - Seminars
- 3 - Small Group Activities
- 4 - Self-Directed Study
- 5 - Small Group Discussions

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Quizes		30
Mid term		30
Final examination		60

Books and References

Recommended books "Health Economics and Policy" by James W. Henderson, Thomas E. Getzen
 "The Economics of Health and Health Care" by Sherman Folland, Allen C. Goodman, Miron Stano
 "Health Economics" by Jay Bhattacharya, Timothy Hyde, Peter Tu