



<b>Pharmacoeconomics</b>	
<b>Title:</b> Pharmacoeconomics	
<b>Course number:</b> 557 PHCL	
<b>Semester:</b> Tenth Semester (Fifth year).	
<b>Duration:</b> 2 + 0 Units (2 contact hours) per week.	
<b>Aims:</b> To provide general knowledge on strategies, measures, and applications of pharmacoeconomics in daily pharmacy practice.	
<b>Objectives:</b> Upon successful completion of the course the student should be able to demonstrate the principles and tools of pharmacoeconomics and outcomes, assessment and be able to perform all perspective analysis.	
<b>Contents:</b> Principles for evaluating and conducting pharmacoeconomics studies, strategies for integrating pharmacoeconomics measurements and drug therapy, algorithms into the health care path, pharmacoeconomics and outcomes assessment. Cost-effectiveness analysis, cost-minimization analysis, cost-benefit analysis, burden-of-illness analysis, cost utility analysis, decision analysis and verification of quality and efficiency in the services.	
<b>Minimum course requirements:</b> 30 (2 x 15) Unit lectures (30 contact hours) per level.	
<b>Evaluation methods:</b>	
- Quizzes	15%
- - Mid term examination	25%
- Final examination (theoretical)	60%
<b>Text Books (latest edition):</b>	



- 1- Principles of Pharmacoeconomics, Bootman Townsend McGhan.
- 2- Pharmacoeconomics, Tom Wallery, Haycox Angela Boland.

**Recommended books (latest edition):**

- 1- Pharmacoeconomics in Perspectives, Bonk.
- 2- Pharmacoeconomics, Tom Walley Angela Boland and Alan Haycox,  
Churchill Livingstone.
- 3- Introduction to Applied Pharmacoeconomics, F. Randy Vogenberg, McGraw-Hill/Appleton & Lange.
- 4- Pharmacoeconomics: From Principles to Practice, Eric Souetre.