

## Course Description Form

<b>1. Course Name:</b>					
Pharmacoeconomic (Theoretical )					
<b>2. Course Code:</b>					
Phclp24_5212					
<b>3. Semester / Year:</b>					
2 <sup>nd</sup> Semester/5 <sup>th</sup> year					
<b>4. Description Preparation Date:</b>					
1/9/2024					
<b>5. Available Attendance Forms:</b>					
Students' signatures on the attendance sheet					
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>					
2 hours Theoretical (30) /2 units					
<b>7. Course administrator's name</b>					
Name: Lec. Heba Muwafaq Attash Email: <a href="mailto:heba.attash@uomosul.edu.iq">heba.attash@uomosul.edu.iq</a> Lec. Zainab M. Mahmood Email: <a href="mailto:zainab.alshamaa@uomosul.edu.iq">zainab.alshamaa@uomosul.edu.iq</a>					
<b>8. Course Objectives</b>					
Understand the basic terms of Pharmacoeconomics, how to build the model for economic feasibility studies, and how to extract statistical data from clinical studies to include them in the model for the economic feasibility study.					
<b>9. Teaching and Learning Strategies</b>					
<b>Strategy</b>		Lecturing			
		Quiz			
<b>10. Course Structure</b>					
<b>Week</b>	<b>Hours</b>	<b>Required Learning Outcomes</b>	<b>Unit or subject name</b>	<b>Learning method</b>	<b>Evaluation method</b>
1	2	Introducing students to the concept of Pharmacoeconomics and its application areas.	Course overview and basic principles of Pharmacoeconomics	Theoretical lectures.	Paper-based exams
2	2	Healthcare cost categories	Cost analysis 1	Theoretical lectures.	Paper-based exams
3	2	Sources of Cost Data and Cost Terminology	Cost analysis 2	Theoretical lectures.	Paper-based exams

4	2	Learning about the various Methods of Pharmacoeconomics	Cost Minimization Analysis	Theoretical lectures.	Paper-based exams
5	2	Uses of QALY in health economics	Cost-Utility Analysis	Theoretical lectures.	Paper-based exams
6	2	Benefits of Cost-effectiveness Analysis	Cost-effectiveness analysis	Theoretical lectures.	Paper-based exams
7	2	Epidemiological Research	Introduction to Epidemiology	Theoretical lectures.	Paper-based exams

#### 11. Course Evaluation

- 30 M Theoretical assessment;  
(paper-based mid-term exam + quiz + attendance)
  - 70 M paper-based theoretical final exam
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- 100 M total

#### 12. Learning and Teaching Resources

Required textbooks	<ol style="list-style-type: none"> <li>1. Michael F. Drummond, Mark J. Sculpher, Karl Claxton, Greg L. Stoddart, and</li> <li>2. George W. Torrance. Methods for the Economic Evaluation of Health Care Programmes. Oxford University Press. 4th edition 2015.</li> <li>3. Essentials of Pharmacoeconomics SECOND EDITION Karen L. Rascati, PhD Eckerd/Turley Centennial Professor of Health Outcomes and Pharmacy Practice University of Texas College of Pharmacy Austin, Texas.</li> </ol>
Main References (sources)	J. Lyle Bootman, Raymond J. Townsend, William F. McGhan: Principles of Pharmacoeconomics, 2nd edition. 1996. Cincinnati, OH: Whitney Books
Electronic References, Websites	<a href="https://www.cdc.gov/index.htm">https://www.cdc.gov/index.htm</a>
Percentage updating	of 0%

