

**B Faculty: Pharmacy**



**Department: clinical pharmacy**

**Program: BSc**

**Semester: second**

**Academic year: 2022.2023**

## Course Plan

### First: Course Information

<b>Course Name:</b>	<i>Case studies in therapeutics II</i>	<b>Credit Hours:</b> <i>1</i>
<b>Prerequisite:</b>	<i>Class Number: 1</i>	<b>Lecture Time:</b> <i>Sun. 2-4</i>
<b>Course Nature:</b>	<input type="checkbox"/> <i>Mandatory Faculty Requirement</i> <input type="checkbox"/> <i>Optional University Requirement</i> <input type="checkbox"/> <i>Mandatory University Requirement</i> <input type="checkbox"/> <i>Faculty Requirement</i> <input type="checkbox"/> <i>Accessory Course</i> <input type="checkbox"/> <i>Optional Specialty Requirement</i> <input checked="" type="checkbox"/> <i>Mandatory Specialization requirement</i>	
<b>Type of Education:</b>	<input checked="" type="checkbox"/> <b>Fully Direct (Fully Face-to-Face Education)</b> <input type="checkbox"/> <b>Integrated Education (2 Face-to-Face + 1 Asynchronous)</b> <input type="checkbox"/> <b>Electronic Education Fully (1 Asynchronous + 2 Synchronous)</b>	

### Second: Instructor's Information

<b>Name:</b> <i>Shorouk Ibraheem</i>	<b>Academic Rank:</b> <i>Lecturer</i>	
<b>Office Number:</b> <i>233 H</i>	<b>Phone Number:</b> <i>1445</i>	<b>Email:</b> <i>sibraheem@zu.edu.jo</i>
<b>Office Hours:</b>	<i>Sunday.... Monday.... Tuesday.... Wednesday..... Thursday</i>	

### Third: Short Description of the Course

This course is aimed to provide students with detailed knowledge of the main pharmacotherapy and clinical pharmacy in respiratory, GIT, rheumatology and infectious diseases, and problem solving skills of clinical cases. The student is expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided.

## Fourth: Learning Outcomes

<i>Level descriptor according to (JNQF)</i>	<i>CILOs Code</i>	<i>CILOs</i> If any CLO will not be assessed in the course, mark NA.	<i>Associated PILOs Code</i> Choose one PILO for each CILO*	<i>Assessment method</i> Choose at least two methods	<i>Scores out of 100</i> State the total score identified for each CILO	<i>Minimum acceptable Score/percentage (%)</i> <i>The percentage should not be less than 50% **</i>
Knowledge	K1	<ul style="list-style-type: none"> <li>Understand the basic principle of CP, pharmacotherapy consultancy and PC, the need for PC in health care system and how to implement the practice of CP in community pharmacies and hospitals.</li> <li>To identify the different types of treatment related problems</li> </ul>	K1	Mid exam Final exam	7 marks 13 marks	10/50%
	K2	NA				
	K3	NA				
Skills	S1	Identify treatment related problems; explore and prioritize potential strategies and design, implement and evaluate a viable solution to patient condition.	S1	Case study Mid exam Final exam	2.5 10 20	17 / 52.3%
	S2	Collect and interpret information from guidelines and databases.	S1	Assignment Group work	5 2.5	4 / 53%
	S3	NA				
	S4	Provide patient centered care as a medication expert	S4	Case study Care plan	1 5	3 / 50%

Competencies	C1	Design appropriate pharmacologic and non-pharmacologic plans for selected diseases.	C6	Case study Mid Exam Final Exam	1.5 13 17	16 /50.7%
	C2	NA				
	C3	NA				
	C4	Effectively communicate verbally and nonverbally when interacting with an individual, group.	C5	Group work	2.5	2 / 80%
	C5	NA				

\*For each CILO, the PILO could be the same or different

\*\*80% of the students must achieve the minimal acceptable percentage or higher for each CILO

## Fifth: Learning Source

<b>Designated Book:</b>	<i>Pharmacotherapy Casebook: a Patient focused Approach</i>	
<b>Author: joseph dipiro et al</b>	<b>:Print 11<sup>th</sup> edition :</b>	<b>Year 2020:</b>
<b>Additional Sources: Website:</b>	<ul style="list-style-type: none"> <li>• <i>Updates guidelines.</i></li> </ul>	
<b>Teaching Type:</b>	<b>Classroom</b> <input checked="" type="checkbox"/> <b>Laboratory</b> <input type="checkbox"/> <b>Workshop</b> <input checked="" type="checkbox"/> <b>S Teams</b> <input type="checkbox"/> <b>Ioodle</b> <input checked="" type="checkbox"/>	

## Sixth: Course Structure

Lecture Date	Topics	Teaching Procedures*	Teaching Methods***	Covered CILOs	References***
12, March 2023	<b>Outline explanation and assessment method, TRPs revision</b>	Direct	Lecture + group discussion	K1, S1	PPT
19 March, 2023	Respiratory System: asthma	Direct	Lecture + discussion+	K1,S1,C1, C4	PPT Chapter 30
26 March, 2023	Respiratory system: COPD	Direct	Lecture + discussion+	K1,S1,C1, C4	PPT Chapter 31
2 April 2023	Infectious diseases: URTIs	Direct	Lecture + discussion+	K1,S1,C1, C4	PPT Chapter 122
, APRIL 9 2023	Infectious diseases: LRTIs	Direct	Lecture + discussion+	K1,S1,C1, C4	PPT Chapter 120
16 APRIL, 2023	Mid Term Exams				
30, April 2023	Infectious Diseases: UTIs	Direct	Lecture + discussion+	K1,S1,C1, C4	PPT Chapter 133
May, 7 2023	GIT: Peptic Ulcer disease	Direct	Lecture + discussion+	K1,S1,C1, C4	PPT Chapter 35
14, May 2023	GIT: IBD	Direct	Lecture + discussion+	K1,S1,C1, C4	PPT Chapter 38
21, May 2023	Rheumatology: osteoporosis	Direct	Lecture + discussion+	K1,S1,C1, C4	PPT Chapter 103
, May 202328	Rheumatology: Osteoarthritis	Direct	Lecture + discussion+	K1,S1,C1, C4	PPT Chapter 105
	<b>Final exam week</b>				

Education procedures: (Direct, synchronous, asynchronous). \*\* Teaching methods: Lecture, video.....). \*\* Reference: Pages of the book, recorded lecture, video....)

## Seventh: Assessment methods

Methods	Fully Electronic Education	Integrated Teaching	Direct Teaching	Specific Course Output to be measured											
				*State the score identified for each CILO for each method of assessment out of 100 **If any CILO will not be assessed in the course, mark NA.											
				K1	K2	K3	S1	S2	S3	S4	C1	C2	C3	C4	C5
First Exam															
Second Exam															
Mid-term Exam				10	NA	NA	10	NA	NA	NA	10	NA	NA	NA	NA
Participation				8	NA	NA	4	NA	NA	NA	8	NA	NA	NA	NA
Asynchronous Meetings															
Final Exam				17	NA	NA	17	NA	NA	NA	16	NA	NA	NA	NA
Total out of 100			100	35	0	0	31		0		34	0	0		0

## **Eighth: Course Polices**

- Meeting the deadline for the lecture.
- Commitment to interaction and participation.
- Interactive lectures will be given through a platform (MS Teams).
- Duties and tests will be given through a platform(Moodle).
- Commitment to the right appearance in front of the camera with the proper background.
- University regulations for attendance and absence from lectures and examinations are in force.
- Academic Integrity: Fraud or moral impersonation are unacceptable and are punishable according to university regulations and instructions.

<b>Approval</b>	<b>Name</b>	<b>Date</b>	<b>Signature</b>
<b>Head of Department</b>			
<b>Faculty Dean</b>			