

## Course Syllabus

1	Course title	Research Project
2	Course number	1203610
3	Credit hours	1 (practical)
	Contact hours (theory, practical)	1(practical)
4	Prerequisites/corequisites	1203506
5	Program title	PharmD
6	Program code	
7	Awarding institution	The University of Jordan
8	School	Pharmacy
9	Department	Biopharmaceutics & Clinical Pharmacy
10	Course level	Undergraduate
11	Year of study and semester (s)	First and second semester of the 6 <sup>th</sup> year
12	Other department (s) involved in teaching the course	PharmD
13	Main teaching language	None
14	Delivery method	English
15	Online platforms(s)	<input type="checkbox"/> Moodle <input type="checkbox"/> Microsoft Teams <input type="checkbox"/> Skype <input type="checkbox"/> Zoom <input type="checkbox"/> Others.....
16	Issuing/Revision Date	Oct 2023

### 17 Course Coordinator:

Name: Dr. Maysa Suyagh

Contact hours:

Office number: 106

Phone number:23337

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## 18 Other instructors:

1	فيوليت كسابري
2	اريح عساف
3	نانسي هاكوز
4	علاء عيسى
5	رنا ابو الذهب
6	ريما حجازين
7	المعتصم يوسف
8	ميادة الوظائف
9	ميساء الصياغ
10	ايمان حماد

## 19 Course Description:

The one credit hour course is directed to empower the research capacities of 6<sup>th</sup> year Pharm.D. students. The main purpose of this course is to introduce students to quantitative and qualitative methods for conducting meaningful inquiry and research. They will gain an overview of research intent and design, methodology and technique, format and presentation, and data management and analysis informed by commonly used statistical methods. The course will develop each student's ability to use this knowledge to become more effective as clinical pharmacists. The course will provide an overview of the important concepts of research design, data collection, statistical and interpretative analysis, and final report presentation. The focus of this course is not on mastery of statistics but on the ability to use research the field of biopharmaceutics and clinical pharmacy. Each week students will work individually or in groups and will be assigned pharmacotherapy-specific literature, research tasks and/or statistics-related concepts that bring to life examples of how the weekly task applies to pharmacy practice.

This will allow students to clearly understand how the course material relates to their jobs as researchers as well as health care professionals

## 20 Course aims and outcomes:

### A- Aims:

1. Foster Research Proficiency:
2. Enhance Clinical Relevance:
3. Develop Effective Communication: .
4. Promote Practical Application:

## B- Students Learning Outcomes (SLOs):

Upon successful completion of this course, students will be able to:

Descriptor	CLO No.	PLO SLOs	SLO (1) Foundational Knowledge- Learner	SLO (2) Essential for Practice- Manager	SLO (3) Approach to Practice and Care-Problem Solver	SLO (4) Personal and Professional Development- Professionalism
<b>Knowledge</b>	K1	Recall research intent, methodologies, and data management techniques used in clinical pharmacy and biopharmaceutics research.	*			
<b>Skills</b>	S1	Explain the significance of research design and its relevance to pharmacy practice, including the differences between quantitative and qualitative research approaches.			*	
	S2	Apply research techniques, including data collection and analysis, to practical research tasks related to pharmacotherapy and clinical pharmacy scenarios.		*		
	S3	Analyze and interpret pharmacotherapy-specific literature and research findings to identify key insights and implications for healthcare practice...		*		
	S4	Evaluate the effectiveness of research presentations, reports, and communication skills in conveying research findings clearly and professionally.			*	
<b>Competencies</b>	C1	Develop and present a final research report that demonstrates the ability to synthesize research data, draw meaningful conclusions, and communicate findings effectively within the field of clinical pharmacy and biopharmaceutics.				*

## 21. Topic Outline and Schedule:

Outlined by each instructor

Week	Lecture	Topic	Student Learning Outcome	Learning Methods (Face to Face/Blended/ Fully Online)	Platform	Synchronous / Asynchronous Lecturing	Evaluation Methods	Resources

## 22 Evaluation Methods:

Opportunities to demonstrate achievement of the SLOs are provided through the following assessment methods and requirements:

Evaluation Activity	Mark	Topic(s)	SLOs	Period (Week)	Platform
Assignments and tasks	30		K1,S1-S4, C1	Week 1-week 12	MS Teams + Face to Face
Presentation	30		K1, S1-S4, C1	Week 13	Face to Face
Research report	40		K1,S1-S4, C1	Week 13	Face to Face

## 23 Course Requirements

**Students should have a computer, internet connection, webcam, account on MS Teams.**

## 24 Course Policies:

### A- Attendance policies:

- Live attendance: Mandatory.
- First warning – with 2 absences
- Last warning – with 3 absences
- Failing in the subject – with 4 absences

### B- Absences from exams and submitting assignments on time:

Will result in zero achievement unless a health report or other significant excuse is documented.

### C- Health and safety procedures:

NA

### D- Honesty policy regarding cheating, plagiarism, misbehavior:

The participation, the commitment of cheating will lead to applying all following penalties together

- Failing in the subject he/she cheated at
- Failing the other subjects taken in the same course
- Not allowed to register for the next semester. The summer semester is not considered as a semester

#### **E- Grading policy:**

Assignments: 30 marks

Presentation: 30 marks

Final research report: 40 marks

#### **F- Available university services that support achievement in the course:**

Moodle platform, MS Teams accounts, One Drive accounts and Office 365 package for instructors and students, Faculty halls for lecturing and examination, microphones, computers and smart board.

### **25 References:**

A- Required book(s), assigned reading and audio-visuals:

B- Recommended books, materials, and media:

### **26 Additional information:**

Name of Course Coordinator: Maysa Suyagh -Signature: ----- Date: Oct 2023

Head of Curriculum Committee/Department: ----- Signature: -----  
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Head of Department: ----- Signature: -----  
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Head of Curriculum Committee/Faculty: ----- Signature: -----  
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Dean: ----- Signature: -----