



Co-funded by the
Erasmus+ Programme
of the European Union

Lebanese International University

School of Pharmacy


All Campuses

Fall - 2022-2023

PHAR200 – Introduction to Drug Information

2 credits

Course Syllabus

Instructor	Campus	Section	Offered Time	Office Hours	 Address
Sahar Haydar	Akkar	A	MW 08:00-08:50		sahar.haydar@liu.edu.lb
Rebecca Lteif	Beirut	A	MW 09:30-10:20		Rebecca.lteif@liu.edu.lb
Sahar Nasser	Beirut	B	TTh 11:00-11:50		sahar.nasser@liu.edu.lb
		C	MW 8:00-8:50		
Rasha Jbara	Bekaa	A	TTh 11:00-11:50		rasha.jbara@liu.edu.lb
Lidia Mourad	Bekaa	B	TTh 09:30-10:20		lidia.mourad@liu.edu.lb
		C	MW 11:00-11:50		
Dalal Mourad	Bekaa	D	TTh 08:00-08:50		dalal.mourad@liu.edu.lb
Mira Moawad	Mount Lebanon	A	TTh 11:40-12:30		mira.moawad@liu.edu.lb
Nermine Chouman	Nabatieh	A	MW 09:30-10:20		nermine.choumane@liu.edu.lb
Zeina Shrayteh	Saida	A	TTh 09:30-10:20		zeina.shrayteh@liu.edu.lb
Zahraa Hallal	Saida	B	TTh 09:30-10:20		zahraa.hallal@liu.edu.lb
Nour Chamsine	Tripoli	A	MW 08:00-08:50		nour.chamsine@liu.edu.lb
Zahraa Hallal	Tyre	A	MW 08:00-08:50		zahraa.hallal@liu.edu.lb

Course Coordinator: Dr.Nermine Chouman

Department: Pharmacy Practice

Office: School of Pharmacy – Block E

COURSE PREREQUISITE:

ENG 101 & 151

REQUIRED BOOKS:

Drug information: A guide for pharmacists. 2nd ed. McGraw Hill

COURSE DESCRIPTION:

- This course introduces students to basic principles of drug information including, medical terminologies, and drug monograph. In addition students will learn how to identify the different parts for the (SOAP note).
- The course also provides students with the knowledge to write drug consults and drug utilization review.
- The course will help students to recognize the different literature resources available, different types of a study design and apply basic biostatistics calculations.

COURSE OBJECTIVES:

By the end of the course, the students will be able:

1. Identify different medical terminology, SOAP format, drug monograph and drug consults.
2. Identify effective listening approaches to respond to specific drug queries.
3. Select different search engines, study designs and reference any type of literature
4. Apply some basic biostatistics calculations.

INTENDED LEARNING OUTCOMES:

Upon the completion of the course, the student will be able to:

Domain 1: Foundational Knowledge

<u>PLO</u>	<u>ILOs</u>
<u>1.1.2</u>	<ul style="list-style-type: none">● Recognize all medical terminologies used by health care professionals.● Identify the different parts of the SOAP note.● Understand subjective and objective data presented to assess the patient case.
<u>1.1.5</u>	<ul style="list-style-type: none">● Identify the parts of a drug monograph.● Distinguish the different parts of a drug consult.● Identify different drug information including administration, distribution, metabolism and elimination to formulate a drug consult or drug utilization review.

<u>1.1.6</u>	<ul style="list-style-type: none"> ● Distinguish all the methods of searching, analyzing and providing knowledge to patients and health care professionals such as guideline, drug information center (DIC) and drug consult. ● Identify the skills for effective listening and communication. ● Formulate a drug consult.
<u>1.1.7</u>	<ul style="list-style-type: none"> ● Identify and interpret between different scientific literatures related to the medical field and reference any type of literature. Review an article as well, classify each study design and interpolate basic biostatics calculations.

Domain 3: Essentials for Practice and Care

<u>PLO</u>	<u>ILOs</u>
<u>3.1.1</u>	Collect and interpret all parts related to subjective, objective and assessment plan related to patient care.
<u>3.1.7</u>	Develop an appropriate follow up plan for the patient.

TEACHING AND ASSESSMENT METHODS:

<u>ILOs</u>	<u>Learning Methods</u>	<u>Assessment Methods</u>
1.1.2, 1.1.5, 1.1.7, 3.1.1, 3.1.7	<ul style="list-style-type: none"> ● Lectures as PowerPoint presentations ● Flash cards 	<ul style="list-style-type: none"> ● Midterm and final exams <ul style="list-style-type: none"> ● Matching ● MCQs ● T/F ● Fill in the blanks
1.1.6, 1.1.7, 3.1.1, 3.1.7	<ul style="list-style-type: none"> ● Engines/database searching practical session ● Flipped classroom ● Problem solving ● Basic Literature Appraisal 	<ul style="list-style-type: none"> ● Midterm and final exams <ul style="list-style-type: none"> ● Matching ● MCQs ● T/F ● Fill in the blanks ● Basic Literature Appraisal ● Drug Consult Assignment

ATTENDANCE REGULATIONS:

- Attendance is obligatory.
- You cannot miss more than 1/3 of the course time (even if eligible excuses),

otherwise you will be automatically receiving an AW (Academic Withdraw).

A maximum of 2 weeks of absenteeism is allowed! (10 Hours)

- A student who wishes to stop attending must withdraw from the course to avoid an F from being posted at the end of the semester.
- No students are allowed to enter the class if they are being late for more than 5 minutes.
- Cell phones are strictly prohibited from being used during classroom time. Should a mobile ring, you will be given a warning and asked to turn off the phone immediately. Moreover, under no circumstances should you be allowed to leave class to answer the phone.

CHEATING REGULATIONS:

- Exams will be conducted on campus instead of online.
- Cheating in any way or form will not be tolerated during exams and will be considered as evidence of academic dishonesty. **Students will be referred to the academic integrity committee and an F will be posted on the exam.**
- Plagiarism: It is unacceptable to copy and pass off as one's own the ideas or words of another without properly crediting the source. Turnitin, the university's designated plagiarism checker, may be used on any submitted written work. Instances of inappropriate or unacceptable academic behavior will be treated on a case by case basis with the consequences ranging from no credit on the assignment for those involved to automatic failure of or removal from the course. In addition, university administration may be notified.

CLASS RECORDINGS:

- Photography, audio-visual recording, and transmission/distribution of classroom lectures and discussions **are prohibited**. Previous lectures recordings should not be reproduced, shared, or uploaded to publicly accessible web environments.
- **Students who do not adhere to this policy will be considered to be breaching SOP copyrights and will be referred to the academic integrity committee.**

MAKE-UP EXAMS:

- Makeup exams are not allowed and attending exams is obligatory.
- Make up exams are ONLY allowed in cases of:
 - a. Death of a first degree relative ONLY

- b. Hospitalization with a valid hospital medical report:
- Only hospital records are allowed.

GRADE DISTRIBUTION AND EXAM SCHEDULE:

Exam	Date	Time	Grade distribution
Midterm	TBA	TBA	40 %
Active learning	TBA	TBA	5 %
Final Exam	TBA	TBA	55 %

COURSE OUTLINE:

Week	Teaching Day	Chapter	Digital Tool	ILO's Covered
1	Monday 03/10/2022 – Friday 07/10/2022	<ul style="list-style-type: none"> • Syllabus • Chapter 1: Medical terminology and definitions 		1.1.2, 1.1.5
2	Monday 10/10/2022 – Friday 14/10/2022	Chapter 1: Medical terminology and definitions	cross word: https://puzzel.org/en/crossword/play?p=-MlkZkQuZX9Dmm0KtLwA	
3	Monday 17/10/2022 – Friday 21/10/2022	Chapter 2: Drug monograph	Matching game: https://www.studystack.com/picmatch-3439979	
4	Monday 24/10/2022 – Friday 28/10/2022	Chapter 3: SOAP notes	Challenging game: https://quizizz.com/admin/quiz/61766854ef5455001e8e6974?source=quiz_share	1.1.2, 1.1.5, 3.1.1, 3.1.7
5	Monday 31/10/2022 – Friday 04/11/2022	Chapter 4: Drug information resources	www.liu-elibrary.com	1.1.6, 1.1.7

6	Monday 07/11/2022 – Friday 11/11/2022	<ul style="list-style-type: none"> Chapter 4: Drug information resources E-Library Session 	www.liu-elibrary.com	
7	Monday 14/11/2022 – Friday 18/11/2022	Chapter 5: Writing a drug Consult and Referencing		1.1.2, 1.1.5
8	Midterm Week 1 (F & S)	Chapter 6: Evaluation of the literature		1.1.7
	Monday 21/11/2022 & Thursday 24/11/2022 Tuesday 22/11/2022 (holiday)			
9	Midterm Week 2 (F & S)	Chapter 6: Evaluation of the literature		1.1.7
	Monday 28/11/2022 – Thursday 01/12/2022			
10	Midterm Week 3 (F & S)	<ul style="list-style-type: none"> Chapter 6: Evaluation of the literature 		1.1.7
	Monday 05/12/2022- Thursday 08/12/2022	<ul style="list-style-type: none"> Chapter 7: Drug Information Center (DIC) 		Challenging quiz: https://quizizz.com/admin/quiz/618170a55341f7001d89b566?source=quiz_share
11	Monday 12/12/2022 – Friday 16/12/2022	<ul style="list-style-type: none"> Chapter 7: Drug Information Center (DIC) 		1.1.2, 1.1.5, 1.1.6
		<ul style="list-style-type: none"> Chapter 8: Biostatistics 		1.1.7
12	Monday 19/12/2022 – Friday 23/12/2022	Chapter 8: Biostatistics		

13	Friday 24/12/2022 – Sunday 01/01/2023	Christmas Vacation		
14	Monday 02/01/2023 – Friday 05/01/2023	<ul style="list-style-type: none"> • Chapter 8: Biostatistics • Chapter 9: Journal club evaluation 		
15	Monday 09/01/2023 – Friday 12/01/2023	<ul style="list-style-type: none"> • Chapter 9: Journal club evaluation • Chapter 10: Evidence-based clinical practice guidelines 		1.1.7 1.1.2, 1.1.6