



**The University of Jordan**

**Accreditation & Quality Assurance Center**

# **COURSE Syllabus**

1	Course title	<b>Parapharmaceuticals</b>
2	Course number	<b>1213552</b>
3	<b>Credit hours (theory, practical)</b>	<b>2 theoretical hours</b>
	<b>Contact hours (theory, practical)</b>	<b>2 theoretical hours</b>
4	Prerequisites/corequisites	<b>1203364</b>
5	Program title	<b>Pharmacy and PharmD</b>
6	Program code	
7	Awarding institution	<b>The University of Jordan</b>
8	Faculty	<b>Pharmacy</b>
9	Department	<b>Biopharmaceutics &amp; Clinical Pharmacy</b>
10	Level of course	<b>Undergraduate</b>
11	Year of study and semester (s)	<b>Second semester</b>
12	Final Qualification	<b>PharmD</b>
13	Other department (s) involved in teaching the course	<b>NA</b>
14	Language of Instruction	<b>English</b>
15	Teaching methodology	<input type="checkbox"/> Blended <input checked="" type="checkbox"/> Online
16	Electronic platform(s)	<input checked="" type="checkbox"/> Moodle <input checked="" type="checkbox"/> Microsoft Teams <input type="checkbox"/> Skype <input type="checkbox"/> Zoom <input type="checkbox"/> Others.....
15	Date of production/revision	<b>12/Jul/2021</b>

**16. Course Coordinator:**

**Office numbers, Electronic hours, phone numbers, and email addresses should be listed.**

<b>Coordinator/ Lecturer</b>	Rimal Mousa	<b>Office Number</b>	109	<b>Office phone</b>	23373
<b>Office hours</b>	Monday, 1-2	<b>Course website</b>		<b>E-mail</b>	r.mousa@ju.edu.jo

**17. Other instructors: NA**

*Office numbers, office hours, phone numbers, and email addresses should be listed.*

## 18. Course Description:

*As stated in the approved study plan.*

Parapharmaceuticals is an elective course spans a wide range of “non-drug products” such as vitamins and minerals, smoking cessation aids, hair loss and others to dissipate all the misconceptions attached to the current practice and public views on the use and selection of these products.

In addition, the course discusses the management of a group of commonly encountered medical conditions and ailments using evidence based approach with emphasis on the role of the community pharmacist.

It aims to enable students to develop communication and clinical decision making skills and to respond appropriately to patients compliments symptoms in pharmacy excluding and/refereeing cases require more specialized medical care.

### 1. 19. Course aims and outcomes:

2.

#### A- Aims:

- To increase students’ knowledge and understanding of “non-drug products”
- To develop the skills required to provide evidence based advice in responding to enquires pertaining the selection/use of these products.
- To gain the ability to manage a group of commonly encountered medical conditions and ailments, using an evidence based approach

#### B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to ...

**A. Knowledge and Understanding:** Student is expected to

A1- Grasp the concept of "non-drug products" available in the pharmacy and how to deal with these products.

A2-Recognize the differences among the available non-drug products labeled under various brand names in the Jordanian market

**B. Intellectual Analytical and Cognitive Skills:** Student is expected to

B1- Differentiate between rational and irrational use of common pharmaceutical products in community pharmacies.

B2- Practice clinical judgment regarding the selection of the most appropriate OTC drug after initial evaluation of patient's condition

**C. Subject-Specific Skills:** Student is expected to

C1- Differentiate between circumstances warranting the use of non-drug products and those for which alternative modes of care are indicated.

C2- Recommend specific non-prescription and/or non-drug products and/or other modes of care to alleviate specific conditions which are not covered in the “OTC course”

**D. Transferable Key Skills:** Students is expected to

D1- Develop further skills in patient counselling providing the most appropriate pharmaceutical advice  
 D2- Develop further skills in responding to symptoms and patient interviewing. This would enhance the student ability to obtain correct and comprehensive information from the patient.

**20. Topic Outline and Schedule:****1.**

Topic	Lecture number	Teaching Methods*/platform	Evaluation method
Infant Formula Products /DR. Rimal	1-4	Microsoft Teams, models, recorded lectures and class note	Quiz, class discussion
Corns and calluses /Dr. Rimal	1	Microsoft Teams, models, recorded lectures and class note	Quiz, class discussion
Management of insect bites and stings/Dr.Rimal	1	Microsoft Teams, models, recorded lectures and class note	Quiz, class discussion
Dandruff /Dr. Rimal	1	Microsoft Teams, models, recorded lectures and class note	Quiz, class discussion
Responding to common paediatrics complains in pharmacy Nappy Rash/Dr. Rimal	2	Microsoft Teams, models, recorded lectures and class note	Quiz, class discussion
Burns and sunburns/ DR. Rimal	2	Microsoft Teams, models, recorded lectures and class note	Quiz, class discussion
Oral pain and discomfort /Dr. Rimal	2	Microsoft Teams, models, recorded lectures and class note	Quiz, class discussion
Oral contraceptives/Dr.Rimal	2	Microsoft Teams, models, recorded lectures and class note	Quiz, class discussion
Responding to common unique female patient complains in pharmacy vulvovaginal candidiasis Period pain/ Dr. Rimal	2	Microsoft Teams, models, recorded lectures and class note	Quiz, class discussion
Atopic dermatitis and choosing topical corticosteroids/ Dr. Rana abu dahab	2	Microsoft Teams, models, recorded lectures and class note	Quiz, class discussion
Ophthalmic product/ Dr. Rana abu dahab	2	Microsoft Teams, models, recorded lectures and class note	Quiz, class discussion
Otic product/ Dr. Rana abu dahab	2	Microsoft Teams, models, recorded lectures and class note	Quiz, class discussion
Smoking cessation aids/ Dr. Rana abu dahab	2	Microsoft Teams, models, recorded lectures and class note	Quiz, class discussion

- Teaching methods include: Synchronous lecturing/meeting; Asynchronous lecturing/meeting
- Evaluation methods include: Homework, Quiz, Exam, pre-lab quiz...etc

**21. Teaching Methods and Assignments:**

**Development of ILOs is promoted through the following teaching and learning methods:**

<b>Learning Methods</b>	<b>Evaluation Methods</b>
Lectures	Exams, Quizzes
Assignment	Patient education material
Role plays and class discussions	Exams, Quizzes
Visiting lecturers and practitioners from real practice	
Watching videos	

**Learning skills:**  
**Critical thinking**  
**Digital literacy**  
**Problem-solving skills**  
**Self-directed learning**  
**Team and group working**

**22. Evaluation Methods and Course Requirements:**

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

**Exams**  
**Quizzes**  
**Students reports on assignments**

**Course Requirements (e.g: students should have a computer, internet connection, webcam, account on a specific software/platform...etc):**

**Group project**

Students in group of 4-5 will be asked to prepare a brochure . This will be assigned 10 marks. Details will be announced in the first week and submission day and date

**Quiz**

A preannounced quiz will be held out of 10 marks. The material will be announced and the time and date.

**23. Course Policies:**

**A- Attendance policies:**

**Virtual meeting on the scheduled lectures (12:15–1:15) from Sunday to Wednesday**

Attendance: Mandatory.

First warning – with 4 absences

Last warning – with 5 absences

Failing in the subject – with 6 absences

**B- Absences from exams and handing in assignments on time:**

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

**C- Health and safety procedures:**

NA

**D- Honesty policy regarding cheating, plagiarism, misbehaviour:**

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

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

**E- Grading policy:**

Exams and Quizzes.

Mid Exam:	30 points
Quizzes:	10 points
Assignment	10 points
Final Exam:	50 points
Total	100 points

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

Platform, internet classes

**24. Required equipment:**

Data-show and internet connection

**25. References:****A- Required book (s), assigned reading and audio-visuals:**

1. Community Pharmacy: Symptoms, Diagnosis and Treatment, Paul Rutter 3<sup>rd</sup> edition. ISBN: 9780702050183

2. American Pharmacist Association (APA). Handbook of nonprescription drugs, 17th edition. Washington D.C: American Pharmaceutical Association, 2012. **ISBN-13: 978-1582121604**
3. Blinkinsopp et al. Symptoms in Pharmacy; A guide to the management of common illness. Wiley-Blackwell Press. 6th edition, 2009. **ISBN : 978-1-118-66173-4**
4. Leon Shargel and Alan Mutnick. Comprehensive Pharmacy Review. Lippincott Williams & Wilkins. 7th Edition 2009. **ISBN-13: 978-1582557113**
5. Alan Nathan. Non-Prescription Medicines. Pharmaceutical Press, UK. Fourth Edition, 2010. **ISBN-13: 978-0853698869**
6. Edwards C, Stillman P. Minor Illness or Major Disease? The clinical pharmacy in the community. 5th ed. London. Pharmaceutical Press. 2012. **ISBN 978 0 85369 961 3**
7. Choosing Topical Corticosteroids Am Fam Physician. 2009;79(2):135-140.
8. **Clinical Practice Guideline: Treating Tobacco Use and Dependence: 2008 Update. U.S. Department of Health and Human Services.**
9. **Smoking Cessation Drug Therapy: An Update. Pharmacist's Letter 2011;27(1):270111.**
10. **Pharmacotherapy for smoking cessation in adults: UPTODATE 2015**
11. American academy of pediatrics, clinical report on head lice , 2010, updated 2015

**B- Recommended books, materials, and media:**

1. eMedicine disease centers.
2. Selected research articles will be handed out to students.
3. Access Pharmacy drug monographs (<http://accesspharmacy.com>)

**26. Additional information:**

Name of Course Coordinator: -Rimal Mousa-----Signature: ----- Date: 12/06/2021

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- -Signature: -----

**Copy to:**  
Head of Department

Assistant Dean for Quality Assurance  
Course File