



The University of Jordan

Accreditation & Quality Assurance Center

COURSE Syllabus

1	Course title	Parapharmaceuticals
2	Course number	1213552
3	Credit hours (theory, practical)	2 theory
	Contact hours (theory, practical)	2 theory
4	Prerequisites/corequisites	
5	Program title	Pharmacy, PharmD
6	Program code	
7	Awarding institution	The University of Jordan
8	Faculty	Faculty of Pharmacy
9	Department	Dept of Biopharmacy and Clinical Pharmacy
10	Level of course	Fourth/fifth year
11	Year of study and semester (s)	
12	Final Qualification	BSc Pharmacy, PharmD
13	Other department (s) involved in teaching the course	None
14	Language of Instruction	English
15	Date of production/revision	February 2016

16. Course Coordinator:

Rana Abu-Dahab
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Office hours: Sunday, Tuesday, Thursday: 11-1
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email address: abudahab@ju.edu.jo

17. Other instructors:

None

18. Course Description:

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.

19. Course aims and outcomes:**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):

Successful completion of the course should lead to the following outcomes:

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 labelled 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.

Program Competencies Achieved

- 1.12 Label dispensed medicines with all necessary information and instructions
- 1.13 Advise patients on proper storage, usage and adherence of dispensed medicines
- 1.14 Verify patient's understanding of all instructions related to dispensed medicines
- 1.16 Identify over-the-counter medicines and advise patients on their selection and usage
- 1.17 Advise patients about the proper use of medical devices and other non-medicinal pharmaceutical products
- 1.18 Advise patients to seek further medical assistance whenever needed
- 1.19 Consider special needs of patients and act according to them
- 2.5 Provide first aid interventions for necessary cases
- 5.7 Build positive relationships with patients and other healthcare professionals
- 5.8 Acknowledge and respect cultural and religious differences among patients and colleagues
- 6.5 Ensure patient confidentiality
- 6.6 Respect the legal rights of patients
- 6.7 Provide patients with equal services and treatment regardless their cultural or religious differences

20. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Introduction to self-care	1	Rana Abu-Dahab	A1	Exams Quizzes	1
Atopic dermatitis and Dry skin Nappy rash	2, 3		B2, C1, C2	Exams Quizzes Role Play	2
Scaly Dermatitis	3		B2, C1, C2	Exams Quizzes	2
Pediculosis	3,4		B2, D1	Exams Quizzes	2
Fungal Skin Infections	5		B2, C1, C2	Exams Quizzes	2,3
Common foot disorders	6		B2, C1, C2	Exams Quizzes	2
Otic preparations	7		B2, C1, C2	Exams Quizzes	2
Ophthalmic preparations	8,9		D1, B2	Exams Quizzes Assignment	2,3
Management of Minor Wounds	10		D1, B2	Exams Quizzes Assignment	2
Smoking cessation products	11		C2	Exams Quizzes Assignment	2
Selection of Infant formula	12,13		A1, A2, D1	Exams Quizzes Role Play	2
Management of minor burns and sunburns.	14		D1, B2	Exams Quizzes Assignment	2
Final Exam	15				

21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:
Exams, Quizzes, Assignments

22. Evaluation Methods and Course Requirements:

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

1. Exams
2. Quizzes
3. Students reports on assignments

23. Course Policies:

A- Attendance policies:

First warning – with 3 absences**Last warning** – with 4 absences

Failing in the subject – with 5 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, misbehavior:

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:	40 points
Quizz/Assignment	10 points
Final Exam:	50 points
Total	100 points

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

Classrooms

24. Required equipment:

None

25. References:

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

1. Community Pharmacy: Symptoms, Diagnosis and Treatment, Paul Rutter 3rd 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
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

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: -----Signature: ----- Date: -----

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