

**The University of Jordan**

**Accreditation & Quality Assurance Center**

**COURSE Syllabus**

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| **1** | Course title | Field training 1 |
| **2** | Course number | 1200401 |
| **3** | Credit hours (theory, practical) | 2 |
| Contact hours (theory, practical) | 240 hr |
| **4** | Prerequisites/corequisites | Pharmacology 2 |
| **5** | Programtitle | BSc in Pharmacy, Pharm D |
| **6** | Programcode |  |
| **7** | Awarding institution | The University of Jordan |
| **8** | Faculty | Pharmacy |
| **9** | Department | NA |
| **10** | Level of course | Under graduate |
| **11** | Year of study andsemester(s) | 3th year, 1st, 2nd and summer semester |
| **12** | Final Qualification | - |
| **13** | Otherdepartment(s) involved in teaching the course | All Departments |
| **14** | Language of Instruction | English/Arabic |
| **15** | Date of production/revision | 3/10/2017 |

16. Course Coordinator:

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| Officenumbers,officehours, phonenumbers,andemailaddresses shouldbe listed.  Dr RandaHaddadin  [R\_haddadin@ju.edu.jo](mailto:R_haddadin@ju.edu.jo)  Tel: 23314 |

17.Other instructors:

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| *Officenumbers,officehours, phonenumbers,andemailaddressesshouldbelisted.*  *Pharmacist Hakam Al Aqabani (part time)* |

**18. Course Description:**

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| *Pharmaceutical field training I course is a training program over one academic semester, in which each student should finish 240 training hours. This course consists of a simulation training that is conducted in the virtual pharmacy setting and an externship in a community pharmacy setting. Each student must at least finish 60hours of the experiential practice time in a chain pharmacy. The second practice site can be one of the community pharmacies that hold an affiliation agreement with the School of Pharmacy at the University of Jordan. At the end of their training time, all students are required to evaluate their training sites.*  *In this course, students are expected to learn how to use and incorporate technology in pharmacy practice, learn how to use different pharmaceutical dosage forms properly, perform patient education, learn how to read and handle a prescription, and learn how to interact and communicate with other health care providers. In addition, students are expected to become familiar with the trade names of the most commonly prescribed medications in Jordan and obtain knowledge about principles of pharmacy management. In addition, students are expected to know how the cost of medication covered by insurance companies is calculated.* |

1. 19. Course aims and outcomes:

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| A- Aims:  The principal objective of this course is to familiarize students with fundamentals of pharmacy practice in community setting.  B- Intended Learning Outcomes (ILOs): Upon successfulcompletionof thiscoursestudentswillbeableto…  **A. Knowledge and Understanding:** Student is expected to   1. Demonstrate knowledge about the fundamentals of pharmacy practice in community setting. 2. Demonstrate knowledge regarding the use of technology in pharmacy practice 3. Demonstrate knowledge about the use of different dosage forms 4. Demonstrate knowledge about the medications available in Jordanian market 5. Demonstrate knowledge about drug manufacturers and drug stores in Jordanian market 6. Demonstrate knowledge of purchasing, storage, inventory control and dealing with health insurance companies   B. Intellectual, Analytical and Cognitive Skills   1. To be able to manage a pharmacy 2. To be able to deal with health insurance companies 3. To be able to solve problems encountered in drug dispensing or prescription   **C. Subject-Specific Skills: Student is expected to**   1. Participate in accurate prescription processing. 2. Provide effective patient education and display appropriate communication skills. 3. Use technology in pharmacy practice 4. Use of different dosage forms. 5. Display appropriate professional behavior and work ethics. 6. Demonstrate cultural and social competency.   **D. Transferable Key Skills: Students is expected to**   1. To be able to communicate with health professional colleagues. 2. To be able to transfer instructions based on his knowledge to patients. |
| C- Program Competencies Achieved in This Course:   1. Learner 2. Patient and team centered Caregiver 3. Pharmacy System Manager 4. Professional 5. Self learner 6. Communicator |

20. Topic Outline and Schedule:

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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Topic | Week | Instructor | Achieved ILOs | Evaluation Methods | Reference | | Medications in Jordan market | 1-15 | Site preceptors | A.1, B.1, B.2 | Exam, assignment, discussion |  | | The use of different dosage forms | 3,4,5 | Pharmacist Hakam | A.4, B.1 | Role play, practical evaluation |  | | Using Technology in pharmacy Practice | 6 | Pharmacist Hakam | A.3 | Practical evaluation |  | | Performing Patient education | 7 | Pharmacist Hakam | A.2, B.2, B.3, C.2, | Role play |  | | Interacting with other health care professionals | 7 | Pharmacist Hakam | A.2, C.1 | Role play |  | | Reading and handling prescriptions | 8 | Pharmacist Hakam | A.1, B.1 | Exam & discussion |  | | Obtaining knowledge about principles of pharmacy management | 9 | Site preceptors | A.5 | Assignment, exam |  | |

21. Teaching Methods and Assignments:

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| Development of ILOs is promoted through the following teaching and learning methods:   1. **Teaching Methods:**  * Simulation training * Practice in community pharmacy * Training manual * Assignments, case discussion, * Discussion with community pharmacist and faculty supervisor * Role plays  1. Learning Skills:  * Problem solving * Digital literacy * Communication skills * Self directed learning |

22. Evaluation Methods and Course Requirements:

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| Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:   * Discussion with the Instructor * Competency based evaluation (Rubrics) * Pharmacy performance evaluation * Exams |

23. Course Policies:

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| A- Attendance policies:   * As per the applicable university regulations   B- Absences fromexamsandhandinginassignmentson time:   * As per the applicable university regulations   C- Health and safetyprocedures:   * N/A   D- Honesty policy regarding cheating, plagiarism, misbehavior:   * As per the applicable university regulations   E- Grading policy:  This is a pass/ fail course. The passing mark is 70%.  5 marks assignment  30 marks competency based evaluation during virtual pharmacy  25 marks Midterm  10 marks site evaluation  30 marks final exam  F- Available university services that support achievement in the course:  Virtual pharmacy |

24. Required equipment:

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| Data show  Samples from different dosage forms  Glucose check device (Glucometer)  Blood pressure measuring device |

**25. References:**

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| 1. Required book (s), assigned reading and audio-visuals: 2. Recommended books, materials, and media:   ISBN Title Author Year  0444522018 Pharmacy law and practice Fisher, Jonathan 2006  0323170218 Mosby's drug guide for nursing students Skidmore-Roth, L 2014  0803625855 Patient-Centered Pharmacology: Learning System for the Conscientious Prescriber Tindall, W. N., Sedrak, M. M., &Boltri, J. M. 2013  9786612317200 Hospital preregistration pharmacist training Safdar, Aamer 2009  0812107918 Medication guide for patient counseling Smith, Dorothy L. 1981 |

26. Additional information:

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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