**Course Syllabus**

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| **1** | **Course title** | Seminar in biopharmaceutics and clinical pharmacy | |
| **2** | **Course number** | 1203573 | |
| **3** | **Credit hours** | 1 |  |
| **Contact hours (theory, practical)** | 1 | |
| **4** | **Prerequisites/corequisites** | None | |
| **5** | **Program title** | Pharmacy/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 semester of the 5th year | |
| **12** | **Other department (s) involved in teaching the course** | NA | |
| **13** | **Main teaching language** | English | |
| **14** | **Delivery method** | ☐Face to face learning ☐Blended ☐Fully online | |
| **15** | **Online platforms(s)** | ☐Moodle ☐Microsoft Teams ☐Skype ☐Zoom  ☐Others………… | |
| **16** | **Issuing/Revision Date** | Fall 2021 | |

**17 Course Coordinator:**

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| Name: Sara AlMarabeh, PhD Contact hours:    Office number: 223 Phone number: 5 355 000, Ext. 23320  Email: s.almarabeh@ju.edu.jo  Contact hours: 12:00-1:00 Sun/Tues and 11:00-12:00 Mon/Wed |

**18 Other instructors:**

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| Name: Ala Laham, PhD  Office number:217  Phone number: 5 355 000, Ext. 23345  Email: [ala.issa@ju.edu.jo](mailto:ala.issa@ju.edu.jo)  Contact hours:  Name: Rima Hijazeen, PhD  Office number:  Phone number: 5 355 000, Ext. 23258  Email: [r.hijazeen@ju.edu.jo](mailto:r.hijazeen@ju.edu.jo)  Contact hours: |

**19 Course Description:**

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| As stated in the approved study plan.  This module provides the students with basic tools of conducting literature reviews, and extraction of information and analyzing scientific articles. The course will also enhance the student's ability to present the result of their work through the oral presentations required during the course and prepare mini reviews. |

**20 Course aims and outcomes:**

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| A- Aims:  1. Develop skills of performing literature review and extraction of information from scientific  Articles.  2. Provide the students with an opportunity to integrate and apply the multiple components  of their knowledge.  3. Develop students' presentation skills and encourage them to think critically.  B- Students Learning Outcomes (SLOs):  Upon successful completion of this course, students will be able to:   |  |  |  |  |  | | --- | --- | --- | --- | --- | | SLOs  SLOs of the course | SLO (1) | SLO (2) | SLO (3) | SLO (4) | | 1 **Knowledge and understanding** | Has a detailed knowledge of major theories of the discipline(s) and an awareness of a variety of ideas, contexts and frameworks |  |  |  | | 2 **Intellectual analytical and cognitive skill**s | 1. Analysis: can analyze a range of information with minimum guidance using given  classifications/principles and can compare alternative methods and techniques for obtaining data | 2. can reformat a range of ideas and information towards a given  purpose | 3. can select appropriate techniques of evaluation and can evaluate the  relevance and significance of the data collected | 4. Application: can identify key elements of problems and choose appropriate  methods for their resolution in a considered manner | | 3 **Subject-Specific Skills** |  |  |  |  | | 4 **Transferable Key Skills** | Independent worker and Group working: can work independently and can interact effectively within a team / learning group, giving and receiving information  and ideas and modifying responses where appropriate | Self evaluation: can evaluate own strengths and weakness, challenge received  opinion and  develop own criteria and judgment | Management of information: can manage information. Can select appropriate  data from a range of sources and develop appropriate research strategies | Problem-solving: can identify key areas of problems and choose appropriate  tools / methods for their resolution in a considered manner | |

**21. Topic Outline and Schedule:**

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**22 Evaluation Methods:**

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| 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** | | Reports | 30 |  |  |  |  | | Oral presentations | 50 |  |  |  |  | | discussions | 20 |  |  |  |  | |

**23 Course Requirements**

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| **(e.g: students should have a computer, internet connection, webcam, account on a specific software/platform…etc):**  Students should have a computer, internet connection and email account for E-learning. |

**24 Course Policies:**

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| 1. Attendance policies:   Attendance: Mandatory.  First warning – with 1 absences  Last warning – with 2 absences  Failing in the subject – with 3 absences   1. Absences from exams and submitting assignments on time:   Will result in zero achievement unless health report or other significant excuse is documented.   1. Health and safety procedures:   NA   1. 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   1. Grading policy:   Discussion: 20 points  Report: 30 points  Presentation 50 points  F- Available university services that support achievement in the course:  Classrooms, internet and online databases. |

**25 References:**

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| A- Required book(s), assigned reading and audio-visuals:  1- Articles and review articles from the literature (PubMed, Science direct, Google scholar)  2- Statistical analysis SPSS Quick Reference Guidebook, Alan C. Elliott.  B- Recommended books, materials, and media: |

**26 Additional information:**

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Name of Course Coordinator: Sara AlMarabeh-Signature: ----------------------- Date: -------------------

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

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

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

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