

## Course E-Syllabus

1	<b>Course title</b>	Graduate seminar
2	<b>0333961</b>	<b>0333961</b>
3	<b>Credit hours</b>	3
	<b>Contact hours (theory, practical)</b>	3 week
4	<b>Prerequisites/corequisites</b>	PhD level
5	<b>Program title</b>	PhD
6	<b>Program code</b>	3
7	<b>Awarding institution</b>	The University of Jordan
8	<b>School</b>	Science
9	<b>Department</b>	Chemistry Department
10	<b>Level of course</b>	PhD
11	<b>Year of study and semester (s)</b>	Fall 2023/2024
12	<b>Final Qualification</b>	
13	<b>Other department (s) involved in teaching the course</b>	
14	<b>Language of Instruction</b>	English
15	<b>Teaching methodology</b>	<input type="checkbox"/> Blended <input checked="" type="checkbox"/> Online
16	<b>Electronic platform(s)</b>	<input type="checkbox"/> Moodle <input checked="" type="checkbox"/> Microsoft Teams <input type="checkbox"/> Skype <input type="checkbox"/> Zoom <input type="checkbox"/> Others: in the university seminar presentation
17	<b>Date of production/revision</b>	20/1/2024

### 18 Course Coordinator:

Name: Prof Dr. Fawwaz I. Khalili Office number: 25 Phone number: 22142 Email: fkhalili@ju.edu.jo

### 19 Other instructors:

Name:  
Office number:  
Phone number:  
Email:

Name:  
Office number:  
Phone number:  
Email:

## 20 Course Description:

A This course will ensure that students become conversant with the following main aspects of chemistry:

A1 Major aspects of giving graduate seminar in the PhD level.

A2 The major items of seminar components.

A3 How to give an excellent graduate seminar.

A4. How to make clear and interesting power point

A5 How to stand and present a seminar

A6 Assignments are five half an hour seminars and a final one-hour seminar

## 21 Course aims and outcomes:

To install in students a sense of enthusiasm for Graduate seminar, an appreciation of its application in different contexts and to involve them in an intellectually stimulating and satisfying experience of learning and studying.

\_ To provide students with a broad and balanced foundation of Graduate seminar knowledge and practical skills.

\_ To develop in students the ability to apply their Graduate seminar knowledge and skills.

\_ To develop in students, a range of transferable skills, of value in chemical and non-chemical topics

\_ To provide students with a knowledge and skills base from which they can proceed to further

Graduate seminar in specialized areas Graduate seminar or multi-disciplinary areas involving all branches of chemistry.

\_ To generate in students an appreciation of the importance of Graduate seminar in academic, industrial, economic, environmental and social context.

**A- Aims:**

B1 Ability to demonstrate knowledge and understanding of essential facts, concepts, principles and theories relating to the subject areas identified above.

B2 Ability to apply such knowledge and understanding to the presentation of seminars.

B3 Skills in the presentation and composition of well-organized and easy to understand seminars.

B4 Skills in improving their pronunciation of chemical terms and English language.

B6 Ability to recognize and implement good measurements of an excellent seminar.

B7 Skills in presenting scientific material and arguments clearly and correctly, in writing and orally, to a range of audiences.

**B- Intended Learning Outcomes (ILOs):**

Upon successful completion of this course, students will be able to:

This course will ensure that students become conversant with the following main aspects of chemistry:

A1 Ability to apply such knowledge and understanding to the presentation of seminars.

A2 Skills in the presentation and composition of well-organized and easy to understand seminars.

A3 Skills in improving their pronunciation of chemical terms and English language.

A4 Skills in presenting scientific material and arguments clearly and correctly, in writing and orally, to a range of audiences.

**22. Topic Outline and Schedule:**

<b>The elements of a good graduate seminar in chemistry</b>	<b>6 lectures online</b>
<b>Giving a seminar about their curriculum vita</b>	<b>4 on line</b>
<b>Giving a seminar about their master research</b>	<b>4 on campus</b>
<b>Giving a seminar about an assigned article (1) to each</b>	<b>5 on campus</b>
<b>Giving a seminar about an assigned article (2) to each</b>	<b>5 on campus</b>
<b>Giving a seminar about an assigned article (3) to each</b>	<b>5 on campus</b>

<b>Giving a seminar about an assigned article (4) to each</b>	<b>5 on campus</b>
<b>Giving a seminar about an assigned article (5) to each</b>	<b>5 on campus</b>
<b>Final one hour topic seminar</b>	<b>6 on campus</b>

**Total 45**

<b>Week</b>	<b>Lectur e</b>	<b>Topic</b>	<b>Teaching Methods*/platfo rm</b>	<b>Evaluation Methods**</b>	<b>References</b>
1		<b>The elements of a good graduate seminar in chemistry</b>			
2		<b>The elements of a good graduate seminar in chemistry</b>			
3		<b>Giving a seminar about their curriculum vita</b>			
4		<b>Giving a seminar about their curriculum vita</b>			
		<b>Giving a seminar about their master research</b>			
5		<b>Giving a seminar about their master research</b>			
		<b>Giving a seminar about an assigned article (1) to each</b>			
6		<b>Giving a seminar about an assigned article (1) to each</b>			
7		<b>Giving a seminar about an assigned article (1) to each</b>			

	<b>Giving a seminar about an assigned article (2) to each</b>			
8	<b>Giving a seminar about an assigned article (2) to each</b>			
9	<b>Giving a seminar about an assigned article (2) to each</b>			
	<b>Giving a seminar about an assigned article (3) to each</b>			
10	<b>Giving a seminar about an assigned article (3) to each</b>			
11	<b>Giving a seminar about an assigned article (3) to each</b>			
	<b>Giving a seminar about an assigned article (4) to each</b>			
12	<b>Giving a seminar about an assigned article (4) to each</b>			
13	<b>Giving a seminar about an assigned article (4) to each</b>			
	<b>Giving a seminar about an assigned article (5) to each</b>			
14	<b>Giving a seminar about an assigned article (5) to each</b>			
15	<b>Final one hour topic seminar</b>			

- Teaching methods include: Online lecturing/meeting; on campus lecturing/meeting
- Evaluation methods include: Homework, presentations

### 23 Evaluation Methods:

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

<b>Evaluation Activity</b>	<b>Mark</b>	<b>Topic(s)</b>	<b>Period (Week)</b>	<b>Platform</b>
Giving a seminar about their curriculum vita	pass			
Giving a seminar about their master research	10			
Giving a seminar about an assigned article (1) to each	10			
Giving a seminar about an assigned article (2) to each	10			
Giving a seminar about an assigned article (3) to each	10			
Giving a seminar about an assigned article (4) to each	10			
Giving a seminar about an assigned article (5) to each	10			

Final one-hour topic seminar. 40

Total grades 100

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

students should have a computer, internet connection, webcam and an account on a Microsoft teams software/platform

### 25 Course Policies:

A- Attendance policies: yes

B- Absences from exams and submitting assignments on time: As regulations permit

C- Health and safety procedures: yes

D- Honesty policy regarding cheating, plagiarism, misbehavior: yes

E- Grading policy: As mentioned above

F- Available university services that support achievement in the course: Microsoft teams, forms and e learning

**26 References:**

A- Required book(s), assigned reading and audio-visuals:  
ACS guide in how to give a graduate seminar in chemistry

**27 Additional information:**

Name of Course Coordinator: Fawwaz Khalili      Signature: Fawwaz Khalili      Date: 20/1/2024

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

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

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

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