



Jordan University of Science and Technology
Faculty of Science & Arts
Chemistry Department

CHEM798 Comprehensive Exam - JNQF Level: 9

First Semester 2024-2025

Course Catalog

0 Credit Hours. The Comprehensive Exam course is designed to evaluate the fundamental concepts in advanced in chemistry in various branches of chemistry, including organic, inorganic, physical, analytical, and biochemistry. The student is entitled to attend and pass the exam during the semester

Teaching Method: On Campus

Instructor

Name	Dr. Abdel Latif Ibdah
Office Location	N4L0
Office Hours	Sun : 10:30 - 11:30 Mon : 10:00 - 12:00 Tue : 10:30 - 11:30 Wed : 10:00 - 12:00
Email	aaibdah@just.edu.jo

Class Schedule & Room

Section 1:
Lecture Time: U : -
Room: U

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Exhibit a comprehensive understanding of key concepts, theories, and methodologies from their graduate program [1a, 1c, 1f] [1L9K2, 1L9S2, 1L9C6]	30%	
Analyze complex problems and synthesize information from diverse sources [1a, 1e, 1j] [1L9K1, 1L9K2, 1L9S1, 1L9C4]	30%	

Develop a strategic approach for studying and preparing for comprehensive exams, developing skills that will benefit them in their professional careers or further academic studies. [1e, 1i, 1j] [1L9K3, 1L9C2, 1L9C5]	25%	
Work collaboratively with colleagues to enhance understanding and retention of course material through discussions and group activities [1a, 1d, 1g] [1L9K1, 1L9C3, 1L9C5, 1L9S3]	15%	

Relationship to Program Student Outcomes (Out of 100%)										
a	b	c	d	e	f	g	h	i	j	k
25		10	5	18.33	10	5		8.33	18.33	

Relationship to NQF Outcomes (Out of 100%)										
L9K1	L9K2	L9K3	L9S1	L9S2	L9C2	L9C3	L9C4	L9C5	L9S3	L9C6
11.25	17.5	8.33	7.5	10	8.33	3.75	7.5	12.08	3.75	10

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