



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

CHEM391 Literature Seminar

Summer Semester 2019-2020

Course Catalog

1 Credit Hours. The chemistry department offer literature seminar course (Chem391). The course is designed to teach the students the fundamental of literature search and reading of scientific articles. This course will also introduce the principles of communication and presentation skills. In this course, each student will choose recent topic and prepare a mini-review manuscript and present it in a practical presentation in front of a faculty committee. The examination committee consisting of at least 3 faculty members

Instructor

Name	Prof. Ahmad Al-Ajlouni
Office Location	N4L0
Office Hours	
Email	aajlouni@just.edu.jo

Class Schedule & Room

Section 1:
Lecture Time: Sun, Mon : -
Room: U

Prerequisites

Line Number	Course Name	Prerequisite Type
913110	CHEM311 Organic Chemistry (3)	Prerequisite / Pass

Tentative List of Topics Covered

Weeks	Topic	References
Week 1	Topic selection	
Week 2	Presentation Skills	

Week 3	Communication skills	
Week 4	Type of articles	
Weeks 5, 6	Search using library data base	
Weeks 7, 8	The principles of scientific writing	
Weeks 9, 10	Plagiarism and plagiarism software	

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Demonstrate the use of literature search to learn about a scientific topic. [1a, 1f, 1g, 1k]	25%	
Utilize skills relating to the process of conducting research and apply the scientific method. [1a, 1e, 1g]	25%	
Communicate ideas and scientific knowledge through written summary and oral presentation. [1e, 1g]	25%	
Make connections between hypothetical and applied knowledge [1c, 1e]	25%	

Relationship to Program Student Outcomes (Out of 100%)										
a	b	c	d	e	f	g	h	i	j	k
14.58		12.50		33.33	6.25	27.08				6.25

Evaluation	
Assessment Tool	Weight
Presentation	100%

Date Printed: 2020-09-24