

نموذج توصيف مقرر
Course Description Form

Name of College\Faculty : Science

Name of Department: Chemistry

اسم الكلية:

اسم القسم العلمي:

Course Name	UNDERGRADUATE RESEARCH PROJECT	اسم المقرر
Course No.	0420497	رقم المقرر
No. of Credits	6	عدد الوحدات
Theoretical Hours	0	عدد الساعات النظرية
Practical Hours	18	عدد الساعات المحلّية

Course topics	مواضيع المقرر
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1. Selected research project by the faculty member is assigned to the student after being approved by the related group.
2. Conducting research experiment and analyzing data.
3. Experimental and theoretical research requiring a report containing an appropriate description of the research work.
4. Achieve the objective of the course by assessment of the student's supervisor and reviewing committee after presenting the seminar.

Text book: (Name, Author , Year , Publisher)	عنوان الكتاب : (الاسم ، المؤلف ، سنة الطبع ، دار النشر)
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Recent books in the field.

References: (Name , Author , Year . Publisher)	عنوان المرجع : (الاسم ، المؤلف ، سنة الطبع ، دار النشر)
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1. Chemical journals
2. Online search
3. Books
4. Reviews

Prerequisites				متطلبات المقرر	
Grading	Supervisor	60	%	مشرف المقرر	آلية رصد المقرر
	Reviewing committee	40	%	لجنة التقويم	
	100%				

Course objectives					
No.	Course Objectives (Learning Outcomes)	Example(s) of relevant (Topics and activities)	Recommended Level to satisfy the objectives		
			High	Medium	Low
1	Experience the investigation process.	- understand the importance of library and internet in expansion of our knowledge - capable of comprehending, abstracting and summarizing chemistry knowledge. - able to search for specific topics using library facilities, internet or other - information sources.	x		
2	Develop and demonstrate an aptitude for research.	- develop a research plan - investigate an area of interest - conduct research - gain practical skills - train to use different techniques and instruments. - analyze data	x		
3	Develop a close collaboration with a faculty mentor.	work one-on-one with faculty	x		
4	Gain knowledge which will be beneficial in their academic and professional careers	- contribute to meaning scholarly pursuits - sharpen his/her critical and analytical thinking skills - complement and extend his/her classroom learning - prepare for graduate-level study 4.5 clarify his/her career goal	x		
5	Present written report and to give a lecture.	- recognise the important role of various computer programmes in designing an attractive seminar. - practice in the effective organization and delivery of technical report. - practice in the writing of scientific report, reviews, and	x		



		search papers on chemical topics. • able to present a seminar in front of a group of audience.			
Fields					
Skills					
Coordinator (Name and Rank) :	Convenors of the departmental groups.				
Signature and stamp :					
Date:	29/11/2025				