

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Republic of Iraq
The Ministry Of Higher Education
& Scientific Research



University: Baghdad
College: Science for Women
Department: chemistry
Stage: Second year
Lecturer name: inorganic
chemistry4
Qualification: PhD in inorganic
chemistry

Syllabus Form

Instructor Name	Dr. Sahar Sabeeh Hasan				
E-mail	Saharsabeeh21@yahoo.com				
Course Title	Inorganic Chemistry 4				
Course Coordinator	Inorganic Chemistry				
Course Objectives	Chemistry of Periodic Table				
Course Description	Studying of some periodic properties of atoms, isotops, Acids, Bases, Salt, Hybridization, Symmetry, and Main group elements.				
Textbook	Concise Inorganic Chemistry, by: JOD.Lee (2003).				
References	1- Inorganic Chemistry, by; Catherin E. Housecroft 6th ed. 2- Inorganic Chemistry, by; Theodor L. Brown 2nd ed. 3- Inorganic Chemistry, by; James E. Huheey, 4th ed.				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	As(20%)	As(16%)	As(4%)	-	As(60%)
General Notes	The course is covering two semesters among the year				

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University:

College:

Department:

Stage:

Lecturer name:

Qualification:

Place of work

Course Weekly Outline

Week	Date	Topes Covered	Lab. Experiment Assignments	Notes
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Half – year break

17	18/2/2016	Nitrogen and the VB group elements	Preparation of potassium alum	
18	25/2/2016		Detection of the ions in potassium alum	
19	3/3/2016		Calculation the number of molecules of crystal water in alum	
20	10/3/2016		Preparation of chromium alum	
21	17/3/2016	Oxygen and group VI elements halogen	Detection of the ions in chromium alum	
22	24/3/2016		Exam	
23	31/3/2016		Preparation of complex salt potassium trioxalato aluminate	
24	7/4/2016	Exam	Detection of the oxalate ion in potassium trioxalato aluminate	
25	14/4/2016	Group 18e the noble gases	Preparation of hexathiourea lead (II) nitrate	
26	21/4/2016			
27	28/4/2016	The solid state	Determination of ratio purification of complex	
28	5/5/2016			
29	12/5/2016	Exam	Exam	

Instructor Signature:

Dean Signature:

Course Weekly Outline

Week	Date	Topes Covered	Lab. Experiment Assignments	Notes
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Half – year break				
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Instructor Signature:

Dean Signature: