

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Republic of Iraq  
The Ministry Of Higher  
Education  
& Scientific Research



University:Baghdad  
College:Scinces for women  
Department: Chemistry  
Stage:Forth  
Lecturer name: Prof. Dr. Mahasin  
F. Alias  
Qualification: Prof.  
Place of work: Scinces for women

## Syllabus Form

Instructor Name	Prof. Dr. Mahasin F. Alias				
E-mail	Mahasin_alias @ yahoo.com				
Course Title	2 <sup>nd</sup> Course: Green Chemistry				
Course Coordinator					
Course Objectives	1 <sup>st</sup> :Studying chemical pollution, types and its effect on environmental. 2 <sup>nd</sup> Course: Studying green Chemistry and its applications				
Course Description	-The course includes the source of pollution and their treatments - The course includes the definition of green chemistry and its principles , techniques and applications.				
Textbook	- Pollution is the Era Problem Dr. Ahmed Medhat. -Green Chemistry : Theory and Practice ; Anastas P.T. and Warner				
References	- Environmental Systems and Pollution Dr. Mohamed Oweidat. - New Trends in Green Chemistry;V.A. Ahluwalia and M. Kidwai				
Course Assessments	Term Tests	Laboratory	Quizzes	Seminar	Final Exam
	As(30%)	As(0%)	As(5%)	As(5%)	As(60%)

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## Course Weekly Outline

Week	Date	Topes Covered	Lab. Experiment Assignments	Notes
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
<b>Half – year break</b>				
17	22/2/2016	الكيمياء و البيئة.		
18	22/2/2016	أثر الكيمياء و البيئة.		
19	29/2/2016	تعريف الكيمياء الخضراء و نشئتها.		
20	29/2/2016	مبادئ الكيمياء الخضراء.		
21	7/3/2016	أسس الكيمياء الخضراء و علاقتها بأستخدام البدائل البيئية التدوير		
22	14/3/2016	آليات الكيمياء الخضراء.		
23	----	.		
24	22/3/2016	تقنية الميكرويف.		
25	29/3/2016	تقنية السائل الايوني.		
26	4/4/2016	تكنولوجيا النانو الخضراء.		
27	11/4/2016	طرق تحضير المواد النانويه.		
28	11/4/2016	تطبيقات في تكنولوجيا النان		

29	18/4/2016	- الطاقة الخضراء (النظيفة او (		
30	25/4/2016	كواشف ومذيبات وتفاعلات		
31	2/5/2016			

**Instructor Signature:**

**Dean Signature:**