

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Republic of Iraq
The Ministry Of Higher
Education
& Scientific Research



University: University of Baghdad
College: College of Science for Women
Department: Department of chemistry
Lecturer name: Dr. Ekhlass M. Taha
Qualification: Ph.D in Biochemistry
Place of work: College of Science for Women

Syllabus Form

Instructor Name	Dr. Ekhlass M. Taha				
E-mail	ekhlassch@yahoo.com ikhlasmb_chem@csw.uobaghdad.edu.iq				
Course Title	Biotechnology (first course)				
Course Coordinator					
Course Objectives	1-Introductory Biological chemistry 2-Study the basic of tools in biotechnology 3-Study the microbial biotechnology 4- study the industrial and environmental biotechnology 5-study the basic of genetic engineering				
Course Description					
Textbook	Biotechnology by Dr. U. Satyanarayana 2010 Basic Biotechnology by Colin Ratlidge ph.D (2006) Biotechnology : An Introduction by Susan R. Barnum, Paperback: Publisher: Brooks Cole (2008).				
References	Biotechnology Fundamentals				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	As(30%)	-	As(5%)	5%	As(60%)
General Notes	Type here general notes regarding the course				

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Course Weekly Outline

Week	Date	Topes Covered	Lab. Experiment Assignments	Notes
1	2015/9/28	Introduction to biotechnology		
2	2015/10/12	Tools of biotechnology		
3	2015/10/19	Cell and molecular biology		
4	2015/10/26	Principles of biochemistry		
5	2015/11/2	Principles of microbiology		
6	2015/11/9	Biostatistics		
7	2015/11/16	Molecular genetics		
8	2015/11/23	Bioprocessing		
9	2015/11/30	Exam		
10	2015/12/7	Industrial biotechnology		
11	2015/12/14	Genetic engineering		
12	2015/12/21	Environmental biotechnology		
13	2015/12/28	Plant and animal biotechnology		
14	2016/1/4	Food processing technology		
15	2016/1/11	Exam		
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Half – year break				

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Instructor Signature:

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