بسم الله الرحمن الرحيم

University: Baghdad
College Science for Women
Department: Biology
Master stuent
Lecturer name: Pro. Dr. Fikrat M Hassan
Place of work

Syllabus Form

Instructor Name	**Pro. Dr. Fikrat M Hassan**				
E-mail	fikrat@csw.uobaghdad.edu.iq				
Course Title	Inland Water Ecology				
Course Objectives	Understanding of different aquatic ecosystems with information about Iraq aquatic ecosystems.				
Course Description	This course amid to develop the students information about the inland water aquatic systems. Inland water ecology is a branch of Limnology. It is a multidisciplinary field and is defined as the study of inland waters. This course is concerned with the different types of aquatic ecosystems. This includes characterizing the physical, chemical, and geomorphology of rivers and lakes (e.g., water quality). This course will provide the information about Iraqi water resources and inland water ecosystems.				
Textbook	Wetzel, R.G., 2001. Limnology: lake and river ecosystems (Vol. 1). Academic Press. students will be assigned text-reading throughout the course. Link for e-text: Limnology: Lake and River Ecosystems - Robert G. Wetzel - Google Books				
References	Limnology by Wetzel, 2001				
Course Assessments	Term Tests	Registration	Exam	Daily Activities	Final Exam
	40%	10%	20%	6%	60%
General Notes	All reports, seminars, and other activities are sent to a classroom.				

Course Weekly Outline

Week	Topes Covered	Notes
	Registration	
1	Recalling the principle of Ecology	
2	Water resources in our country	
3	Water as a substance	
4	Rivers and lakes- Their distribution, origins and forms	
5	Light in inland water	
6	The 1st Examination	
7	Fate of heat	
8	Water movements	
9	Oxygen	
10	Salinity of Inland waters	
11	The inorganic carbonic complex	
12	The 2nd Examination	
13	The nitrogen cycle	
14	The phosphorus cycle	
15	Iron, Sulfur, and Silica cycles	
16	Iraqi Inland water Ecology	
17	Final Examination of course	

Instructor Signature: **Dean Signature:**