

Course Description Form

1. Course Name:					
paleoecology					
2. Course Code:					
3. Semester / Year:					
Semester					
4. Description Preparation Date:					
14/4/2024					
5. Available Attendance Forms:					
Only attendance					
6. Number of Credit Hours (Total) / Number of Units (Total)					
30hours					
7. Course administrator's name (mention all, if more than one name)					
Name: Esraa A. Mandhour Email: esra.mandhour@sci.utq.edu.iq					
8. Course Objectives					
Course Objectives			Understanding paleoecology and the relationship organisms with living environment		
9. Teaching and Learning Strategies					
Strategy		1- Educational strategy, collaborative conce planning. 2- Brainstorming education strategy. 3- Education Strategy Notes Series			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1					
2					
3					
4					
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14					
15					
Holi					
16	2theoretical		-Introduction to paleoenvironment, basic principles of ecology and paleoenvironment	Explaining theoretical material through lect	Exams through
17	2theoretical		-Fossils assemblages	using means of illustra	weekly
18	2theoretical	1- The study of theoretical concepts	-Living environments and factors affecting marine environments	and comparing diff	quick
19	2theoretical	paleoecology.	-Factors affecting marine environments, physical environmental factors	environment	exams, monthly
20	2theoretical	2- The study of how use fossils to ide	-Chemical and biological environmental factors		written
21	2theoretical	the environment.	-Species and biodiversity		exams, reports, research and end-of-
22	2theoretical	3- Training student paleoenvironmental analysis	-Genetic and environmental variations		exam.
23	2theoretical		-Orientation of preservation of fossils, orientation during life, and orientation of death		
24	2theoretical		-Trace fossils (evidence of life events)		
25	2theoretical		- Organic evolution, evolutionary theory and the principles		
26	2theoretical		- Growth and its types, description of variation in growth, extinction and the factors causing it		
27	2theoretical				
28	2theoretical				
29	exam				

11. Course Evaluation

The distribution of grades is as follows: 50 marks for monthly and daily exams and reports for the theoretical aspect.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Principles of Paleoecology, Anne Offit, Callisto reference, 2017
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	