

Course Description Form

1. Course Name:	
Geology of Iraq	
2. Course Code:	
GEO-324	
3. Semester / Year:	
Second / 2024-2025	
4. Description Preparation Date:	
9-10-2024	
5. Available Attendance Forms:	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30 Hours	
7. Course administrator's name (mention all, if more than one name)	
Name: Salam Obied Ibrahim Email: salamobied@uoanbar.edu.iq	
8. Course Objectives	
Course Objectives	Identifying the tectonic divisions of Iraq - identifying depositional cycles within the Chronostratigraphy frame- Identifying the Orogeny -building movements and their impact on Iraq - a study of paleogeography of Iraq
9. Teaching and Learning Strategies	
Strategy	The strategic goal of studying the geology of Iraq is to identify the rock formations spread throughout the country through the study of depositional cycles, as well as to know the tectonic developments accompanying each depositional cycle. Thus, it will be known to the student to know each rock formation in terms of its geological, biological content, environment of deposition, and type of line. The upper and lower contact of each compatible or incompatible configuration

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1			Introduction		
2			The tectonic-kinetic framework of sedimentation in Iraq		
3			The main structural units in Iraq		
			Paleozoic Megasequence depositional cycles AP1 –AP5		
			Late Permian- Liassic Megasequence Sedimentary cycle AP6		
4			(Mid-Late Jurassic) Megasequence Sedimentary cycle AP7		
5			Exam-1		
			(Late Jurassic – Middle upper Cretaceous		
6			Megasequence Sedimentary cycle AP8- Thamama Group		
7			(Late Jurassic – Middle upper Cretaceous Megasequence Sedimentary cycle AP8- Wasi'a Group		
8			Late Turonian – Danian Megasequence Sedimentary cycle AP9		
9			Middle Paleocene – Eocene Megasequence Sedimentary cycle AP-10		
10			Latest Eocene – Recent Megasequence Sedimentary cycle AP-11/ Part-1		
11			Latest Eocene – Recent Megasequence Sedimentary cycle AP-11/ Part-2		
12			Quaternary deposits		
13			Exam-2		
14					
15					

11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	جيولوجيا العراق (بودي) 1984 Geology of Iraq(Jassem and Goof 2006
Main references (sources)	Stratigraphic Lexicon of Iraq by R.C. van Bellen, H.V. Dunnington, R. Wetzel and D.M. Morton
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

