



University of Mosul  
College of Science  
Department of Geology



Education subject with units  
2023-2024

1 <sup>st</sup> Stage			
2 <sup>nd</sup> Course		1 <sup>st</sup> Course	
Units	Subject	Units	Subject
8.00	General Geology II	8.00	General Geology I
8.00	Mineralogy	8.00	Crystallography
7.00	Physics	8.00	Chemistry
2.00	Statistics	2.00	Mathematic
3.00	Computer	2.00	Democracy & Human Right
2.00	English Language	2.00	Arabic Language
30		30	



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2 <sup>nd</sup> Stage			
2 <sup>nd</sup> Course		1 <sup>st</sup> Course	
Units	Subject	Units	Subject
3	Geophysics	3.5	Optical mineralogy
3	Invertebrate paleontology II	3	Invertebrate paleontology I
3.5	Sedimentology	3	Stratigraphy
3.5	Micropaleontology I	3	Historical geology
3	Remote sensing	3	Geomorphology
3	Petrology	1	University education (health education)
	-----	2	Al-Bath Crimes
19		18.5	



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3 <sup>rd</sup> Stage			
2 <sup>nd</sup> Course		1 <sup>st</sup> Course	
Units	Subject	Units	Subject
3	Field geology	3	Geology of Iraq
3	Geophysics II	3	Geophysics I
3.5	Structural geology II	3.5	Structural geology I
3	Geochemistry	3.5	Sedimentary petrology
3.5	Metamorphic rocks	3.5	Igneous rocks
3.5	Sedimentary environment	3.5	Micropaleontology II
19.5		20	



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4 <sup>th</sup> Stage			
2 <sup>nd</sup> Course		1 <sup>st</sup> Course	
Units	Subject	Units	Subject
3	Well logging	3	Petroleum geology
3	Industrial rocks	3	Ore geology
3	Environmental geology	3	Exploration geochemistry & Isotopic geology
3	Engineering geology	3	Hydrogeology
3	Sequence stratigraphy	4	Basin analysis
2	Project	3	Geotectonic
		3	Field work
17		22	