



University of Mosul  
College of Science  
Department of Geology



Education subject with units  
2021-2022

1 <sup>st</sup> Stage			
2 <sup>nd</sup> Course		1 <sup>st</sup> Course	
Units	Subject	Units	Subject
3	Physical geology II	3	Physical geology I
3	mineralogy	2	Crystallography
3	physics	3	Chemistry
2	statistic	2	Mathematic
2	Computer II	2	Computer I
1	Democracy	1	Human right
2	English language	2	Arabic language
16		15	



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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)
19		16.5	



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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	