



University of Mosul
College of Science
Department of Geology



Education subject with units
2022-2023

1 Stage			
2 nd Course		1 st Course	
Units	Subject	Units	Subject
3	Physical geology II	3	Physical geology I
3	mineralogy	2	Crystallography
3	physics	3	Chemistry
2	Mathematic II	2	Mathematic I
2	Computer II	2	Computer I
1	Democracy	1	Human right
2	English language	2	Arabic language
1	Chemical Security	1	Chemical safety
17		16	



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2 nd Stage			
2 nd Course		1 st 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 rd Stage			
2 nd Course		1 st 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 th Stage			
2 nd Course		1 st 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	