

## قسم الجيولوجيا

المناهج الدراسية لمرحلة البكالوريوس لأربع سنوات وللصفين الدراسيين، وحسب الجدول الآتي:

### The First Stage

First Course					Second Course					
Subject	Code	Hours			No. Unites	Subject	Code	Hours		
		Theory	Practical					Theory	Practical	
Physical Geology-1	GS 3101	2	3	3.5	Physical Geology-2	GS 3103	2	3	3.5	
					Historical Geology	GS 3102	2	3	3.5	
Chemistry -1	GS 2102	2	3	3.5	Chemistry -2	GS 2106	2	3	3.5	
Physics -1	GS 2103	2	3	3.5	Physics -2	GS 2105	2	3	3.5	
Biology	GS 2101	2	3	3.5	Geological Statistics	GS 3104	2		2	
Mathematic	GS 2104	2		2						
English Language	GS 1103	2		2	Democratic		2		2	
Human right	GS 1102	2		2	Computer	GS 1104	2	2	3	
					Arabic Language	GS 1101	2		2	
<b>Summation of Hours&amp; Unites</b>		<b>14</b>	<b>12</b>	<b>20</b>	<b>Summation of Hours&amp; Unites</b>		<b>14</b>	<b>14</b>	<b>23</b>	

### The Second Stage

First Course					Second Course					
Subject	Code	Hours			No. Unites	Subject	Code	Hours		
		Theory	Practical					Theory	Practical	
Sedimentology	GS 3206	2	3	3.5	Sedimentary Rocks	GS 3207	2	3	3.5	
Macro Paleontology	GS 3201	2	3	3.5	Structural Geology	GS 3211	2	3	3.5	
Stratigraphy	GS 3203	2	3	3.5	Geomorphology	GS 3208	2	3	3.5	
Crystallography	GS 3202	2	3	3.5	Geographic Information System	GS 3212	2	3	3.5	
Remote sensing	GS 3205	2	3	3.5	Hydrology	GS 3210	2	3	3.5	
Mineralogy	GS 3204	2	3	3.5	Petrology	GS 3209	2	3	3.5	
					English Language		2		2	
<b>Summation of Hours&amp; Unites</b>		<b>12</b>	<b>18</b>	<b>21</b>	<b>Summation of Hours&amp; Unites</b>		<b>14</b>	<b>18</b>	<b>23</b>	

### The Third Stage

First Course					Second Course					
Subject	Code	Hours			No. Unites	Subject	Code	Hours		
		Theory	Practical					Theory	Practical	
Geochemistry	GS 3303	2	3	3.5	Gravity & Magnetic Method	3307 GS	2	3	3.5	
Physics of the earth	GS 3301	2	3	3.5	Micro Paleontology	GS 3311	2	3	3.5	
Petroleum Geology	GS 3302	2	3	3.5	River Geology	GS 3309	2	3	3.5	
Engineering Geology	GS 3305	2	3	3.5	Research Method	GS 3201	2		2	
Ore Minerals	GS 3306	2		2	Field Survey	GS 3312			4	
Geology of Iraq	3304 GS	2		2	Optical Mineralogy	GS 3310	2	3	3.5	
English Language		2		2	Field Geology	GS 3308	2	3	3.5	
<b>Summation of Hours&amp; Unites</b>		<b>14</b>	<b>12</b>	<b>20</b>	<b>Summation of Hours&amp; Unites</b>		<b>12</b>	<b>15</b>	<b>23.5</b>	

### The Fourth Stage

First Course	Second Course
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Subject	Code	Hours		No. Unites	Subject	Code	Hours		No. Unites
		Theory	manual				Theory	manual	
Electric Method	GS 3402	2	3	3.5	Deep Investigation	GS 3409	2	3	3.5
Quaternary	GS 3404	2	3	3.5	Western desert geology	GS 3410	2	3	3.5
Geotectonic	GS 3405	2		2	Igneous & Metamorphic Rocks	GS 3408	2	3	3.5
Environmental Geology	GS 3403	2		2	Exploration Geochemistry	GS 3407	2	3	3.5
Hydrogeology	GS 3401	2	3	3.5	Research project	GS 1401	2		2
English Language		2		2	Well Logging (Choose subject)	GS 3406	2	3	3.5
<b>Summation of Hours&amp; Unites</b>		<b>12</b>	<b>9</b>	<b>16.5</b>	<b>Summation of Hours&amp; Unites</b>		<b>12</b>	<b>15</b>	<b>19.5</b>