

Department of Geology

بهشی جیۆلۆجی

First Year

Code	Module	یەكە Units	ژمارە ی كاتژمێر له ههفتهیهكدا Hours / Week			بابەت
			تێوری Lecture	پراكتیكى Lab	گفتوگۆ Tutorial	
SG101	Information technology	4	1	2	-	
SG102	English language	6	2	2	-	
SG103	Kurdology	4	2	-	-	
SG104	Academic Debate & Critical thinking	4	1	2	-	
SG105	General Geology	6	2	3	-	
SG106	Crystallography and Mineralogy	6	2	3	-	
SG107	Mathematics	4	2	-	1	
SG108	Biology(1 st semester)	3	2	3	-	
SG110	Chemistry(2 nd semester)	3	2	3	-	
Total		40	16	18	1	كۆی گشتی

Second Year

Code	Module	بەكە Units	ژمارەى كاتژمىر لە هەفتەيەكدا Hours / Week			بابەت
			ئىئورى Lecture	پراكتىكى Lab	كۆنۆگۆ Tutorial	
SG201	Petrology (Sedimentary) and (Igneous) Metamorphic	6	2	3	-	
SG 202	Geomorphology and Remote sensing	6	2	3	-	
SG 203	Micropaleontology	6	2	3	-	
SG 204	Computer Application	4	1	2	-	
SG 205	Mathematic and Statistics	4	2	-	1	
SG 206	(Optical mineralogy (1st semester)	3	2	3	-	
SG 210	Rock forming mineral (2 nd semester)	3	2	3	-	
SG 207	Physics (1 st semester)	3	2	3	-	
SG 211	Hydrology (2 nd semester)	3	2	3	-	
Total		38	17	23	1	كۆى گۆشى

Third Year

Code	Module	بەكە Units	ژمارەى كاتژمىر لە هەفتەيەكدا Hours / Week			بابەت
			ئىئورى Lecture	پراكتىكى Lab	كۆنۆگۆ Tutorial	
SG301	Structural Geology	6	2	3	-	
SG302	Geophysics	6	2	3	-	
SG303	Sedimentology and sedimentary rocks	6	2	3	-	
SG304	Micropaleontology and Stratigraphy	6	2	3	-	
SG305	Igneous & metamorphic Petrology	6	2	3	-	
SG306	Field geology and Geology of Iraq	6	2	3	-	
Total		36	12	18	-	كۆى گۆشى

Fourth Year

Code	Module	یہ کہ Units	ژمارہی کاتر مینر لہ ہفتہ پیکدا Hours / Week			بابہت
			لیوری Lecture	پراکتیکی Lab	گنورگور Tutorial	
SG401	Petroleum Geology	6	2	3	-	
SG402	Geochemistry	6	2	3	-	
SG403	Ore Minerals and Industrial Geology	6	2	3	-	
SG404	Hydrogeology(1 st semester)	3	2	3	-	
SG410	Engineering Geology(2 nd semester)	3	2	3	-	
SG405	Environmental Geology(1 st semester)	3	2	3	-	
SG411	Geotectonic(2 nd semester)	3	2	3	-	
SG406	Elective 1(1 st semester)	3	2	3	-	
SG412	Elective 2(2 nd semester)	3	2	3	-	
SG407	Summer Field course	2	-	-	-	
SG408	Research Project	4	1	2	-	
Total		42	19	29	-	کوی گشتی

Elective (1)

1. Clay Mineralogy
2. Well Logging
3. 3-Quaternary Geology
4. Environmental Impact Assessment
5. Organic Maturation

Elective (2)

1. Computer Application
2. Building Material
3. Soil Mechanics
4. Applied Palenology
5. Subsurface
6. Others