



اللائحة الدراسية:

First year

semester	Level	Number of hours/week			Course Name	Course code
		exercises	Lab.	Lectures		
first semester	First year	0	4	3	General Chemistry	104 C
		0	4	2	General Botany	101 B
		0	4	2	General Zoology	101 Z
		0	2	2	Natural and Historical Geology	101 G
		0	2	2	Optics Electronics and Magnetism	103 Ph
		0	2	1	Computer	
		1	0	2	Calculus and Algebra	105 M
second semester		0	4	3	General Chemistry	105 C
		0	4	2	General Botany	102 B
		0	4	2	General Zoology	102 Z
		0	2	2	Crystals and Minerals	102 G
		0	2	2	Heat and Properties of Matter	104 Ph
		1	0	2	Calculus and Geometry	106 M
		1	0	2	English Language	102 L

Second year

semester	Level	Number of hours/week			Course Name	Course code
		Lab.	exercises	Lectures		
first semester	Second year	4	0	4	بصريات المعادن - معادن	203 G
		2	0	2	حفریات كبرىة	204 G
		0	0	2	Chemical Thermodynamics	205 C
		4	0	2	Organic Chemistry	206 C
		2	0	2	Physical Optics	207 Ph
		1	0	2	Mathematics	207 M
		0	0	2	Human Rights and General Principles of The Law	
second semester		2	0	2	صخور ناریة - صخور رسوبیة	205 G
		4	0	2	حفریات دقیقة	206 G
		4	0	2	Inorganic Chemistry	207 C
		0	1	2	Organic Chemistry	208 C
		2	0	2	Spectra & Atomic Physics	208 Ph
		2	0	1	Computer sciences	M208
		0	1	2	English Language	L202



Third year

semester	Level	Number of hours/week			Course Name	Course code
		Lab.	exercises	Lectures		
first semester	Third year	2	0	3	Sedimentary Environment - Structural geology - Rock Mechanics	301 G
		4	1	4	Stratigraphy - Well Logging	302 G
		6	0	3	Hydrogeology - Survey - Field Training	303 G
		4	1	2	Analytical Chemistry	307C
		0	0	1	Statistics & Probability	338 M
		2	0	1	Computer	
second semester		2	0	3	Basement and Metamorphic Rocks	304 G
		2	2	4	Geochemistry of Rocks - Geology of the Delta and Subsurface	305 G
		2	2	3	Photogeology and Basement of Egypt	306 G
		0	0	1	Radiation Physics	326 Ph
		2	0	1	Petroleum Chemistry	324 C
		2	1	2	Principle of Computer Science - Programming	340 M
	0	1	2	English Language	302 L	

Fourth year

semester	Level	Number of hours/week			Course Name	Course code
		Lab.	exercises	Lectures		
first semester	Fourth year	2	0	4	Petroleum Geology and Environmental Geology	401 G
		2	0	2	Geophysics	402 G
		2	0	2	Engineering and Radioactive Geology	403 G
		2	0	2	Applied Hydrology	404 G
		4	0	2	Mineral Deposits of Egypt and Beach Geology	405 G
second semester		2	1	2	Geology of Egypt	406 G
		2	1	2	Geophysics	407 G
		4	0	2	Applied Geomorphology - Field training	408 G
		4	0	3	Paleoclimate - Marine Geology- Remote Sensing	409 G
		0	0	2	Optional Course	410 G
	0	0	2	Essay		
	0	1	2	English Language	402 L	
	2	0	1	Computer		