

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	First year	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 كبيرة	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	Second year	2	0	2	صخور نارية -صخور رسوبية	205 G
		4	0	2	حفریات دقيقة	206 G
		4	0	2	Inorganic Chemistry	207 C
		0	1	2	Organic Chemistry	208 C
		2	0	2	Atomic Physics&Spectra	208 Ph
		2	0	1	Computer sciences	208 M
		0	1	2	English Language	202 L



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 Mechamcs	301 G
		4	0	4	Hydrogeology and Stratigraphy	307 G
		0	0	2	Physical Chemistry Kinetics&Gases	311 C
		4	0	2	InorganicchemistryTransition Metals &Complexes	312 C
		4	0	3	Organic Chemistry	325 C
		2	0	1	Principles of Comuter Science	338 M
second semester		0	4	3	Geochemistey of Roks and Mineralogical Analysis - Photogeology	308 G
		4	0	4	Survey - Basement and Metamorphic Rocks	309 G
		4	1	5	Physicaln & Arelytical Chemistry	326 C
		4	0	2	Physical Organic&Stereochemistry	323C
		0	0	1	Probabilities&Statistics	339 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	2	Petroleum Geology	411 G
		2	0	3	Geophysics and Radioactivity	412 G
		4	0	2	Mineral Deposits of Egypt and Beach Geology	405 G
		0	1	2	Physical Chemistry (Coloidal and Electro)Chemistry	421 C
		4	1	2	" Inorganic Chemistry " Applied	422 C
		4	0	2	" Organic Chemistry " Petroleum	423 C
second semester		2	1	2	Geology of Egypt	406 G
		2	1	2	Geophysics	407 G
		4	0	2	Applied Geomorphology - Field tralning	408 G
		4	1	2	" Physical Chemistry " Photo and Spetro	424 C
		0	0	2	Advanced Inorganic Chemistry	425 C
		4	0	2	Organometallic and Qrgonic Spectroscopy	426 C
	0	0	2	Essay		
	0	1	2	English Language	402 L	
2	0	1	Computer			