کلیۃ العلوم College of Science جامعة الإمارات العربيـة المتحدة United Arab Emirates University

Bachelor of Sicience in Geosciences Model Study Plan (2022-2023 Cohort onwards)

For Students Admitted to the University from the Fall Semester Total Degree Credit hours: 120

ESPU102 PHYS105 MATH105	Introduction to Academic English For Science General Physics I	3 Gen Ed Course (I	Cluster 1: Area 2: English Communication)					
				2		CalculusII		Support course
MATH105			Cluster 3: Area 1: Natural Sciences)	Ζ		Basic Biology I		Support course
	Calculus I		Cluster 1: Area 5: Quantitative Reasoning)			Physical Geology		Specialization
CSBP112	Introduction To Programming	3 Support course		(Spring)		Sustainability		Gen Ed Course (Cluster 3: Area 2: Sustainability)
CHEM111	General Chemistry I			(Jpring)	PHYS110	General Physics II		Support course
								Specialization
STAT210	Probability and Statistics	3 Support course		1	GEOL340	Sedimentation and sedimentary rocks	3	Specialization
GEOL215	Mineralogy	3 Specialization		4	GEOL370	Geophysics	3	Specialization
GEOL220	Structure Geology	3 Specialization		(c ·)				Gen Ed Course (Cluster 2: Area 2: Social and Behavioral Sciences)
GEOL260				(Spring)				Gen Ed Course (Cluster 2: Area 3: Emirates Society)
Elective	Student choice	3 Free Elective		(1) 0/	Elective	Student choice	3	Free Elective
		18					18	
GEOL390	Stratigraphy	3 Specialization		6	GEOL425	Hydrogeology	3	Specialization
GEOL400	Remote Sensing and GIS	3 Specialization						Specialization
								Major Elective
				(Snring)				Major Elective
GEIE222	Fundamentals of Innovation and Entrepreneurship	3 Gen Ed Course (I	Cluster 1: Area 1: Innovation and Entrepreneurship)	(Jpring)	GEIT112	Fourth Industrial Revolution	3	Gen Ed Course (Cluster 1: Area 3: Fourth Industrial Revolution)
		15					15	
GEOL460				0				Specialization
GEOL470	Research Project	3 Specialization		8	GEOL500	Internship	6	Internship
ISLM100/ISLM1	01 Islamic Culture/Biography of the Prophet "Sira"	3 Gen Ed Course (I	Eluster 2: Area 4: Islamic Culture)				1	
Elective	Student choice		Eluster 2: Area 1: Humanities and Fine Arts)	(Spring)				
GEOL475	Geology Of UAE	3 Major Elective		(Shung)				
	GECU.220 GECU.260 Bective Bective GECU.400 GECU.400 GECU.400 GECU.400 <th>Vietnici Quinter Control (Quinter) Bischer Standers (Asice Tarkhölder) Vietnici Standers (Asice Tarkhölder) Vietnici Standers (Asice Tarkhölder) Vietnici Standers (Asice Tarkhölder) Vietnici Factoritality Vietnici Standers (Asice Tarkhölder) Vietnici Standers (Asice Tarkhölder) Vietnici Standers (Asice Tarkhölder) Vietnici Standers (Asice Tarkhölder) <th>2000011 Bindle Obligation Simple Obligation Bactore Simple Obligation Simple Obligation Edition Simple Obligation Simple Obligation</th><th>Construct Explore to come planet 1: Ansak. Critical Biology Executer Same of Concerp (planet 1: Ansak. Critical Biology) Executer Same of Concerp (planet 1: Ansak. Critical Biology) Executer Same of Concerp (planet 1: Ansak. Critical Biology) Executer Same of Concerp (planet 1: Ansak. Critical Biology) Executer Same of Concerp (planet 1: Ansak. Critical Biology) Executer Same of Concerp (planet 1: Ansak. 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Bachelor of Sicience in Geosciences Model Study Plan (2025-2026 Cohort onwards)

For Students Admitted to the University from the Fall Semester Total Degree Credit hours: 120

		Total Degree Credit hours: 120								
	Semester	Course Code	Course Title	CH	Course type	Semester	Course Cod		CH	
		GEAE101	Academic English for Humanities and STEM	3	Gen. Ed. Theme 2: Academic Language Proficiency	n	MATH110	Calculus II	3	Support course
-	1	PHYS105	General Physics I		Specialization	2 (Spring)	CSBP119	Algorithms and Problem Solving		Support course
1	(Fall)	MATH105	Calculus I		Specialization		GEOL100	Physical Geology		Specialization
Year		BIOC100	Basic Biology I	3	Support course		GEEM110	Contemporary Emirati Studies		Gen. Ed. Theme 1: UAE National Identity
× ۱		CHEM111	General Chemistry I	3	Support course		PHYS110	General Physics II		Support course
				15					15	
		STAT210	Probability and Statistics	3	Support course		GEOL300	Igneous and Metamorphic Rocks	3	Specialization
	3	GEOL215	Mineralogy		Specialization	4	GEOL340	Sedimentation and sedimentary rocks	3	Specialization
. 2		GEOL220	Structure Geology		Specialization		GEOL370	Geophysics	3	Specialization
(ear	(Fall)	GEOL260	Paleontology	3	Specialization	(C)	GESU121	Sustainability		Gen. Ed. Theme 5: Sustainability
₽ (GEIT113	Introduction to Artificial Intelligence		Gen. Ed. Theme 3: Innovation	(Spring)	Elective	Student choice	3	Gen. Ed. Theme 6 or 7 or 8 or 9 or 10 or 11
		GEIE222	Fundamentals of Innovation and Entrepreneurship	3	Gen. Ed. Theme 4: Entrepreneurship					
				18					15	
		GEOL390	Stratigraphy	3	Specialization		GEOL425	Hydrogeology	3	Specialization
	5 (Fall)	GEOL400	Remote Sensing and GIS	3	Specialization	6 (Spring)	GEOL430	Environmental Geoscience		Specialization
ŝ		GEOL410	Geochemistry		Specialization		Elective	Student choice		Major Elective
æ,		Elective	Student choice	3	Major Elective		GEOL460	Petroleum Geoscience	3	Specialization
(ea		GEOL415	Petrophysics		Major Elective		Elective	Student choice	3	Free Elective
		Elective	Student choice		Gen. Ed. Theme 6 or 7 or 8 or 9 or 10 or 11					
				18					15	
	7	GEOL470	Research Project		Specialization	8	GEOL499	Field Geology	3	Specialization
	/	Elective	Student choice		Major Elective	ð	GEOL500	Internship	6	Internship
4	(Fall)	Elective	Student choice		Major Elective				T	
æ (Elective	Student choice		Major Elective	(Spring)				
Year)		Elective	Student choice		Free Elective	(90,000)				
				15					9	