



LEBANESE
INTERNATIONAL
UNIVERSITY

Major Title: Bachelor of Chemistry
Major Code: BCHEM
Level: underGraduate
Number Of Credits: 99
Version: 2
Version
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Bachelor of Chemistry (BCHEM)

First Year

Fall Semester

Code	Title	Credits	Prerequisites	Corequisites
PHYS250	Thermodynamic and Waves	3		
ARAB200	Arabic Language and Literature	3		
ENGL201	Composition and Research Skills	3	ENGL151	
CHEM200	General Chemistry	3	ENGL101-CHEM160	CHEM200L
CHEM200L	General Chemistry Lab	1	ENGL101-CHEM160	CHEM200
MATH210	Calculus II	3	MATH161-MATH160	
Total		16		

Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
PHYS280	Electricity and Magnetism	3	PHYS250	
ENGL251	Communication Skills	3	ENGL201	
CHEM260L	Analytical Chemistry Lab	1	CHEM200	CHEM260
BIOL200	General Biology I	3	ENGL101-BIOL160	
CHEM260	Analytical Chemistry	3	CHEM200	CHEM260L
CHEM250	Organic Chemistry I	3	CHEM200	
Total		16		

Second Year

Fall Semester

Code	Title	Credits	Prerequisites	Corequisites
CHEM310L	Physical Chemistry I Lab	1	CHEM200	CHEM310
	Major Elective	3		
CHEM300L	Organic Chemistry Lab	2	CHEM250	CHEM300
CHEM310	Physical Chemistry I	3	CHEM200	CHEM310L
CSCI200	Introduction to Computers	3	ENGL051	
CHEM300	Organic Chemistry II	3	CHEM250	CHEM300L
BMKT300	Marketing Theory and Principles	3	ENGL151	
Total		18		

Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
CHEM350L	Organic Chemistry Lab III Lab	1		CHEM350
MATH270	Ordinary Differential Equations	3	MATH210	
MATH245	Statistics for Health Sciences	3	ENGL151	
CHEM370L	Inorganic Chemistry I Lab	1	CHEM200	CHEM370
CHEM370	Inorganic Chemistry I	3	CHEM200	CHEM370L
	General Education Electives	3		

CHEM350	Organic Chemistry III	3	CHEM300	CHEM350L
Total		17		
Third Year				
Fall Semester				
Code	Title	Credits	Prerequisites	Corequisites
CHEM440	Advanced Physical Chemistry	3	CHEM310	
CHEM430	Instrumental Chemistry	3	CHEM260	
CHEM420	Industrial Chemistry	3	CHEM300-CHEM310	
CHEM410	Structure Determination of Compounds	3	CHEM300	
CHEM400	Inorganic Chemistry II	3	CHEM370	
	General Education Electives	3		
Total		18		
Spring Semester				
Code	Title	Credits	Prerequisites	Corequisites
CULT200	Introduction to Arab - Islamic Civilization	3		
CHEM465	Environmental Chemistry	3	CHEM300	
CHEM480	Senior Project in Chemistry	3	CHEM370-CHEM350-CHEM310	
CHEM490	Modern Topics in Chemistry	2	CHEM310-CHEM300	
	Major Elective	3		
Total		14		