LEBANESE INTERNATIONAL UNIVERSITY

Major Title: Bachelor of Biochemistry
Major Code: BBIOC
Level: underGraduate
Number Of Credits: 99
Date: 2026-08-19

First Year

Fall Semester

Code	Title	Credits	Prerequisites	Corequisites
BIOL200	General Biology I	3	ENGL101-BIOL160	BIOL200L
ENGL201	Composition and Research Skills	3	ENGL151	
CHEM200L	General Chemistry Lab	1	ENGL101-CHEM160	CHEM200
	General Education Electives	3		
ARAB200	Arabic Language and Literature	3		
BIOL200L	General Biology I Lab	1	ENGL101	BIOL200
CHEM200	General Chemistry	3	ENGL101-CHEM160	CHEM200L
Total		17		

Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
BIOC250	Biochemistry I (General)	4	BIOL200	CHEM250
CHEM260	Analytical Chemistry	3	CHEM200	CHEM260L
CHEM250	Organic Chemistry I	3	CHEM200	
BIOL275L	Cell and Molecular Biology Lab	1	BIOL200	BIOL275
PHYS205	General Physics for Scientists	3	BIOL200-PHYS161	
BIOL275	Cell and Molecular Biology	3	BIOL200	BIOL275L
CHEM260L	Analytical Chemistry Lab	1	CHEM200	CHEM260
Total		18		

Second Year

Fall Semester

Code	Title	Credits	Prerequisites	Corequisites
CHEM300	Organic Chemistry II	3	CHEM250	CHEM300L
ENGL251	Communication Skills	3	ENGL201	
	Major Elective	3		
	General Education Electives	3		
CHEM300L	Organic Chemistry Lab	2	CHEM250	CHEM300
CHEM310	Physical Chemistry I	3	CHEM200	
Total		17		

Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
BIOL385L	Microbiology Lab	1	BIOL200	BIOL385
BIOL365	Genetics	3	BIOL275	
BIOL385	Microbiology	3	BIOL200	BIOL385L
BIOL360L	Human Physiology & Anatomy Lab	1	BIOL200	BIOL360
BIOC350L	Biochemistry II Lab	1	BIOC250	BIOC350
BIOL360	Human Physiology & Anatomy	4	BIOL200	BIOL360L
BIOC350	Biochemistry II (Intermediary)	3	BIOC250	BIOC350L
Total		16		

Third Year

Fall Semester				
Code	**Title**	**Credits**	**Prerequisites**	**Corequisites**
CHEM440	Advanced Physical Chemistry	3	CHEM310	
BIOC405	Enzymology	3	BIOC350	
CULT200	Introduction to Arab - Islamic Civilization	3		
BIOC445	Biotechnology	3	BIOC250-BIOL365	
BIOC400	Biochemistry III (Protein Structure & Function)	3	BIOC350	
Total		15		
Spring Semester				
Code	**Title**	**Credits**	**Prerequisites**	**Corequisites**
BIOC485	Modern Topics in Biochemistry	3	BIOC350	
	General Education Electives	3		
BIOL490	Seminar	1		BIOC485
BIOC450	Advanced Lab Techniques in Biochemistry	2	BIOC445	
	Major Elective	3		
BMED450	Clinical Chemistry	3	BIOC250	BMED450L
BMED450L	Clinical Chemistry Lab	1	BIOC250	BMED450
Total		16		