LEBANESE INTERNATIONAL UNIVERSITY

Major Title: Bachelor of Biomedical Sciences
Major Code: BBMED
Level: underGraduate
Number Of Credits: 105
Date: 2026-10-13

First Year

Fall Semester

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

Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
BMED205	Biophysics	3	BIOL200	
BIOL275	Cell and Molecular Biology	3	BIOL200	BIOL275L
CHEM255	Basic Organic Chemistry	3	CHEM200	CHEM255L
BIOL360	Human Physiology & Anatomy	4	BIOL200	
BIOL275L	Cell and Molecular Biology Lab	1	BIOL200	BIOL275
CHEM255L	Basic Organic Chemistry Lab	1	CHEM200	CHEM255
CULT200	Introduction to Arab - Islamic Civilization	3		
Total		18		

Second Year

Fall Semester

Code	Title	Credits	Prerequisites	Corequisites
BIOL425	Immunology	3	BIOL275-BIOL360	
BMED360	Hematology	3	BIOL360	BMED360L
BMED360L	Hematology LAB	1		BMED360
BIOL385	Microbiology	3	BIOL200	BIOL385L
BIOL385L	Microbiology Lab	1	BIOL200	BIOL385
BIOC310	Medical Biochemistry	4	CHEM255-BIOL200	
	General Education Electives	3		
Total		18		

Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
	General Education Electives	3		
BMED450L	Clinical Chemistry Lab	1		BMED450
BMED445	Pathophysiology	3	BIOL360	BIOL275
BMED370L	Parasitology Lab	1		BMED370
BMED370	Parasitology	2	BIOL385	BMED370L
BMED450	Clinical Chemistry	3	BIOC310	BMED450L
BMED470	Clinical Mycology and Virology	2	BIOL385	
BMED485	Clinical Assessment and Techniques	3	BIOL385	BMED445
Total		18		

Third Year				
Fall Semester				
Code	**Title**	**Credits**	**Prerequisites**	**Corequisites**
BMED430L	Medical Microbiology Lab	1		BMED430
MEDL399	Medical Laboratory Internship I	3	BMED485-BMED370-BMED450-BMED360	
BMED430	Medical Microbiology	3	BIOL385	BMED430L
BMED425	Serology and Blood Banking	3	BIOL425-BMED360	BMED425L
BIOL365	Genetics	3	BIOL275	
ENGL251	Communication Skills	3	ENGL201	
BMED425L	Serology and Blood Banking Lab	1		BMED425
Total		17		
Spring Semester				
Code	**Title**	**Credits**	**Prerequisites**	**Corequisites**
BMED475	Clinical Hematology and Hemostasis	2	BMED360	
MEDL499	Medical Laboratory Internship II	3	MEDL399-BMED425L	
BMED460	Histopathology	3	BMED445	
MATH245	Statistics for Health Sciences	3	ENGL151	
	Major Elective	3		
BMED490	Medical Laboratory Management and Quality Assurance	3	MEDL399	
Total		17		