LEBANESE INTERNATIONAL UNIVERSITY

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

Bachelor of Biomedical Sciences (BBMED)

Major Electives

Code	Title	Credits	Prerequisites	Corequisites
	Major Elective	3		
	Total	3		

Core Requirements

Code	Title	Credits	Prerequisites	Corequisites
BIOC310	Medical Biochemistry	4	CHEM255-BIOL200	
BIOL200	General Biology I	3	ENGL101-BIOL160	BIOL200L
BIOL200L	General Biology I Lab	1	ENGL101	BIOL200
BIOL275	Cell and Molecular Biology	3	BIOL200	BIOL275L
BIOL275L	Cell and Molecular Biology Lab	1	BIOL200	BIOL275
BIOL360	Human Physiology & Anatomy	4	BIOL200	
BIOL365	Genetics	3	BIOL275	
BIOL385	Microbiology	3	BIOL200	BIOL385L
BIOL385L	Microbiology Lab	1	BIOL200	BIOL385
BIOL425	Immunology	3	BIOL275-BIOL360	
BMED205	Biophysics	3	BIOL200	
CHEM200	General Chemistry	3	ENGL101-CHEM160	CHEM200L
CHEM200L	General Chemistry Lab	1	ENGL101-CHEM160	CHEM200
CHEM255	Basic Organic Chemistry	3	CHEM200	CHEM255L
CHEM255L	Basic Organic Chemistry Lab	1	CHEM200	CHEM255
MATH245	Statistics for Health Sciences	3	ENGL151	
	Total	40		

Major Requirements

Code	Title	Credits	Prerequisites	Corequisites
BMED360	Hematology	3	BIOL360	BMED360L
BMED360L	Hematology Lab	1		BMED360
BMED370	Parasitology	2	BIOL385	BMED370L
BMED370L	Parasitology Lab	1		BMED370
BMED425	Serology and Blood Banking	3	BIOL425-BMED360	BMED425L
BMED425L	Serology and Blood Banking Lab	1		BMED425
BMED430	Medical Microbiology	3	BIOL385	BMED430L
BMED430L	Medical Microbiology Lab	1		BMED430
BMED445	Pathophysiology	3	BIOL360	BIOL275
BMED450	Clinical Chemistry	3	BIOC310	BMED450L
BMED450L	Clinical Chemistry Lab	1		BMED450
BMED460	Histopathology	3	BMED445	
BMED470	Clinical Mycology and Virology	2	BIOL385	
BMED475	Clinical Hematology and Hemostasis	2	BMED360	
BMED485	Clinical Assessment and Techniques	3	BIOL385	BMED445
BMED490	Medical Laboratory Management and Quality Assurance	3	MEDL399	
MEDL399	Medical Laboratory Internship I	3	BMED485-BMED370-BMED450-BMED360	
MEDL499	Medical Laboratory Internship II	3	MEDL399-BMED425L	
	Total	41		

General Education Requirements				
Code	**Title**	**Credits**	**Prerequisites**	**Corequisites**
ARAB200	Arabic Language and Literature	3		
CULT200	Introduction to Arab - Islamic Civilization	3		
ENGL201	Composition and Research Skills	3	ENGL151	
ENGL251	Communication Skills	3	ENGL201	
	Total	12		

General Education Electives				
Code	**Title**	**Credits**	**Prerequisites**	**Corequisites**
	Set A General Education Electives	3		
	Set A General Education Electives	3		
	Set A General Education Electives	3		
	Total	9		

Major Elective Courses (Set A)				
Code	**Title**	**Credits**	**Prerequisites**	**Corequisites**
BIOL415	Endocrinology	3	BIOL360	
BMED435	Carcinogenesis and Oncology	3	BIOL275	
BMED465	Modern Topics In Biomedical Sciences	3	BMED445-BIOL365	

General Education Elective Courses (Set A)				
Code	**Title**	**Credits**	**Prerequisites**	**Corequisites**
ARAB220	Creative Writing in Arabic	3		
ARTS204	Introduction to Theater	3		
ARTS215	History of Arts	3		
BACC200	Financial Accounting	3		
BECO210	Introduction to Microeconomics	3		
BECO260	Introduction to Macroeconomics	3		
BMED210	Introduction to Community Health	3		
BMTH210	Business and Managerial Math	3		
BSTA205	Introduction to Business Statistics	3		
COMM200	Introduction to Communication Studies	3		
COMM205	Introduction to Western Civilization	3		
COMM220	Rhetoric & Persuasion	3		
CSCI200	Introduction to Computers	3		
CSCI205	Computer Science Overview	3		
ENVR200	Environmental Science	3		
GEE200	General Topics in Cooperation and Collaboration	3		
GEE201	General Topics in Communication	3		
GEE203	General Topics in Culture and Diversity	3		
GEE204	General Topics in Critical Thinking and Problem Solving	3		
GEE205	General Topics in Quantitative and Qualitative Literacy	3		
HUMN200	Community Service	3		
HUMN215	Introduction to Civic Society	3		
LANG200	Beginners Russian	3		
LANG221	Introduction To Italian	3		
LANG222	Introduction To French	3		
LANG225	Introduction To German	3		
LANG226	Introduction to Portuguese	3		
NUTR200	Nutrition and Health	3		
PHED200	Sports and Health	3		
PHIL200	Introduction to Philosophy	3		
PHIL205	Introduction to Ethics	3		
PHIL210	World Religions	3		

POLS205	World Current Affairs	3		
POLS230	Lebanese Labor Law	3		
POLS240	The Arab Israeli Conflict	3		
SPAN200	Introduction to Spanish	3		
SSCI200	Introduction to Sociology	3		
SSCI205	Introduction to Psychology	3		
SSCI215	Introduction to Music	3		