



**L E B A N E S E
I N T E R N A T I O N A L
U N I V E R S I T Y**

Major Title: Bachelor of Biomedical Sciences
Major Code: BBMED
Level: underGraduate
Number Of Credits: 105
Version: 2
Version Date: 2025-10-06 12:34:16

Bachelor of Biomedical Sciences (BBMED)

First Year

Fall Semester

Code	Title	Credits	Prerequisites	Corequisites
CSCI200	Introduction to Computers	3	ENGL051	
ENGL201	Composition and Research Skills	3	ENGL151	
CHEM200	General Chemistry	3	ENGL101-CHEM160	CHEM200L
CHEM200L	General Chemistry Lab	1	ENGL101-CHEM160	CHEM200
BIOL200L	General Biology I Lab	1	ENGL101	BIOL200
BIOL200	General Biology I	3	ENGL101-BIOL160	BIOL200L
ARAB200	Arabic Language and Literature	3		
Total		17		

Spring Semester

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

Second Year

Fall Semester

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

Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
BMED370	Parasitology	2	BIOL385	BMED370L
BMED445	Pathophysiology	3	BIOL360	BIOL275
BMED450	Clinical Chemistry	3	BIOC310	BMED450L
BMED450L	Clinical Chemistry Lab	1		BMED450

BMED370L	Parasitology Lab	1		BMED370
BMED485	Clinical Assessment and Techniques	3	BIOL385	BMED445
	General Education Electives	3		
BMED470	Clinical Mycology and Virology	2	BIOL385	
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	
BIOL365	Genetics	3	BIOL275	
BMED430	Medical Microbiology	3	BIOL385	BMED430L
BMED425L	Serology and Blood Banking Lab	1		BMED425
ENGL251	Communication Skills	3	ENGL201	
BMED425	Serology and Blood Banking	3	BIOL425-BMED360	BMED425L
Total		17		

Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
MATH245	Statistics for Health Sciences	3	ENGL151	
BMED460	Histopathology	3	BMED445	
	Major Elective	3		
MEDL499	Medical Laboratory Internship II	3	MEDL399-BMED425L	
BMED475	Clinical Hematology and Hemostasis	2	BMED360	
BMED490	Medical Laboratory Management and Quality Assurance	3	MEDL399	
Total		17		