



**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 Biochemisrty
Major Code: BBIOC
Level: underGraduate
Number Of Credits: 99
Version: 2
Version
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Bachelor of Biochemisrty (BBIOC)

First Year

Fall Semester

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

Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
CHEM260L	Analytical Chemistry Lab	1	CHEM200	CHEM260
CHEM260	Analytical Chemistry	3	CHEM200	CHEM260L
CHEM250	Organic Chemistry I	3	CHEM200	
BIOC250	Biochemistry I (General)	4	BIOL200	CHEM250
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
Total		18		

Second Year

Fall Semester

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

Spring Semester

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

BIOC350L	Biochemistry II Lab	1	BIOC250	BIOC350
BIOL365	Genetics	3	BIOL275	
Total		16		

Third Year

Fall Semester

Code	Title	Credits	Prerequisites	Corequisites
BIOC405	Enzymology	3	BIOC350	
CHEM440	Advanced Physical Chemistry	3	CHEM310	
CULT200	Introduction to Arab - Islamic Civilization	3		
BIOC400	Biochemistry III (Protein Structure & Function)	3	BIOC350	
BIOC445	Biotechnology	3	BIOC250-BIOL365	
Total		15		

Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
BIOC485	Modern Topics in Biochemistry	3	BIOC350	
BIOL490	Seminar	1		BIOC485
BMED450L	Clinical Chemistry Lab	1	BIOC250	BMED450
BMED450	Clinical Chemistry	3	BIOC250	BMED450L
BIOC450	Advanced Lab Techniques in Biochemistry	2	BIOC445	
	General Education Electives	3		
	Major Elective	3		
Total		16		