



**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)

Major Electives

Code	Title	Credits	Prerequisites	Corequisites
	Major Elective	3		
	Major Elective	3		
Total		6		

Core Requirements

Code	Title	Credits	Prerequisites	Corequisites
BIOC250	Biochemistry I (General)	4	BIOL200	CHEM250
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
CHEM200	General Chemistry	3	ENGL101-CHEM160	CHEM200L
CHEM200L	General Chemistry Lab	1	ENGL101-CHEM160	CHEM200
CHEM250	Organic Chemistry I	3	CHEM200	
CHEM260	Analytical Chemistry	3	CHEM200	CHEM260L
CHEM260L	Analytical Chemistry Lab	1	CHEM200	CHEM260
CHEM300	Organic Chemistry II	3	CHEM250	CHEM300L
CHEM300L	Organic Chemistry Lab	2	CHEM250	CHEM300
PHYS205	General Physics for Scientists	3	BIOL200-PHYS161	
Total		31		

Major Requirements

Code	Title	Credits	Prerequisites	Corequisites
BIOC350	Biochemistry II (Intermediary)	3	BIOC250	BIOC350L
BIOC350L	Biochemistry II Lab	1	BIOC250	BIOC350
BIOC400	Biochemistry III (Protein Structure & Function)	3	BIOC350	
BIOC405	Enzymology	3	BIOC350	
BIOC445	Biotechnology	3	BIOC250-BIOL365	
BIOC450	Advanced Lab Techniques in Biochemistry	2	BIOC445	
BIOC485	Modern Topics in Biochemistry	3	BIOC350	
BIOL360	Human Physiology & Anatomy	4	BIOL200	BIOL360L
BIOL360L	Human Physiology & Anatomy Lab	1	BIOL200	BIOL360
BIOL365	Genetics	3	BIOL275	
BIOL385	Microbiology	3	BIOL200	BIOL385L
BIOL385L	Microbiology Lab	1	BIOL200	BIOL385
BIOL490	Seminar	1		BIOC485
BMED450	Clinical Chemistry	3	BIOC250	BMED450L
BMED450L	Clinical Chemistry Lab	1	BIOC250	BMED450

CHEM310	Physical Chemistry I	3	CHEM200	
CHEM440	Advanced Physical Chemistry	3	CHEM310	
Total		41		

General Education Requirements

Code	Title	Credits	Prerequisites	Corequisites
ARAB200	Arabic Language and Literature	3		
CSCI200	Introduction to Computers	3	ENGL051	
CULT200	Introduction to Arab - Islamic Civilization	3		
ENGL201	Composition and Research Skills	3	ENGL151	
ENGL251	Communication Skills	3	ENGL201	
Total		15		

General Education Electives

Code	Title	Credits	Prerequisites	Corequisites
Set A	General Education Electives	3		
Set A	General Education Electives	3		
Total		6		

Major Elective Courses

Code	Title	Credits	Prerequisites	Corequisites
BMED435	Carcinogenesis and Oncology	3	BIOL275	
EDUC222	Basics of Educational Psychology	3	ENGL151	
FDSC435	Food Toxicants and Additives	3	CHEM250	
NUTR250	Basic Nutrition	3	ENGL151-BIOL200	

General Education Electives

Code	Title	Credits	Prerequisites	Corequisites
ARAB220 (Set A)	Creative Writing in Arabic	3		
ARTS204 (Set A)	Introduction to Theater	3		
ARTS215 (Set A)	History of Arts	3		
BACC200 (Set A)	Financial Accounting	3		
BECO210 (Set A)	Introduction to Microeconomics	3		
BECO260 (Set A)	Introduction to Macroeconomics	3		
BMED210 (Set A)	Introduction to Community Health	3		
BMTH210 (Set A)	Business and Managerial Math	3		
BSTA205 (Set A)	Introduction to Business Statistics	3		
COMM200 (Set A)	Introduction to Communication Studies	3		
COMM205 (Set A)	Introduction to Western Civilization	3		
COMM220 (Set A)	Rhetoric & Persuasion	3		
CSCI205 (Set A)	Computer Science Overview	3		
ENVR200 (Set A)	Environmental Science	3		
GEE200 (Set A)	General Topics in Cooperation and Collaboration	3		
GEE201 (Set A)	General Topics in Communication	3		
GEE203 (Set A)	General Topics in Culture and Diversity	3		
GEE204 (Set A)	General Topics in Critical Thinking and Problem Solving	3		
GEE205 (Set A)	General Topics in Quantitative and Qualitative Literacy	3		

HUMN200 (Set A)	Community Service	3		
HUMN215 (Set A)	Introduction to Civic Society	3		
LANG200 (Set A)	Beginners Russian	3		
LANG221 (Set A)	Introduction To Italian	3		
LANG222 (Set A)	Introduction To French	3		
LANG225 (Set A)	Introduction To German	3		
LANG226 (Set A)	Introduction to Portuguese	3		
NUTR200 (Set A)	Nutrition and Health	3		
PHED200 (Set A)	Sports and Health	3		
PHIL200 (Set A)	Introduction to Philosophy	3		
PHIL205 (Set A)	Introduction to Ethics	3		
PHIL210 (Set A)	World Religions	3		
POLS205 (Set A)	World Current Affairs	3		
POLS230 (Set A)	Lebanese Labor Law	3		
POLS240 (Set A)	The Arab Israeli Conflict	3		
SPAN200 (Set A)	Introduction to Spanish	3		
SSCI200 (Set A)	Introduction to Sociology	3		
SSCI205 (Set A)	Introduction to Psychology	3		
SSCI215 (Set A)	Introduction to Music	3		