



Biomedical Science (BMED)

Core Requirements

Code	Title	Credits	Prerequisites	Corequisites
BIOC310	Medical Biochemistry	4	BIOL200 - CHEM250 - CHEM300	
BIOL200	General Biology I	3		BIOL200L
BIOL200L	General Biology I Lab	1		BIOL200
BIOL275	Cell and Molecular Biology	3	BIOL200	BIOL275L
BIOL275L	Cell and Molecular Biology Lab	1	BIOL200	BIOL275
BIOL360	Human Physiology & Anatomy	3	BIOL200	BIOL360L
BIOL360L	Human Physiology & Anatomy Lab	1	BIOL200	BIOL360
BIOL365	Genetics	3	BIOL200	
BIOL385	Microbiology	3	BIOL200 - ENGL200	BIOL385L
BIOL385L	Microbiology Lab	1	ENGL200 - BIOL200	BIOL385
BMED205	Biophysics	3		
BMED255	Epidemiology & Biostatistics	3		
BMED310	Basic Health Care and Medical Terminology	3	BIOL200	
BMED330	Medical Lab Organization and Professional Ethics	3	BIOL200 - CHEM200	
BMED380	Introduction to Quality Management and Accreditation	2		
CHEM100	Freshman Chemistry I	3	ELC103	
CHEM150	Freshman Chemistry II	3	CHEM100	CHEM150L
CHEM150L	Freshman Chemistry II Lab	1	CHEM100	
CHEM200	General Chemistry	3		CHEM200L
CHEM255	Basic Organic Chemistry	3	CHEM200	CHEM255L
CHEM255L	Basic Organic Chemistry Lab	1	CHEM200	CHEM255
CLNC400	Clinic Training	1		
NUTR460	Sport Nutrition	3		
NUTR465	Nutrient Drug Interactions	3		
Total		58		

Major Requirements

Code	Title	Credits	Prerequisites	Corequisites
BIOL425	Immunology	3	BIOL360	
BMED360	Hematology	3	BIOL360	
BMED360L	Hematology LAB	1		
BMED370	Parasitology	2		
BMED425	Serology and Blood Banking	3	BMED360	
BMED425L	Serology and Blood Banking Lab	1		
BMED430	Medical Microbiology	3		
BMED430L	Medical Microbiology Lab	1		
BMED435L	Clinical Hematology and Hemostasis	2		
BMED445	Pathophysiology	3	BIOL360 - ENGL200	
BMED445L	Clinical Case Conference	1	BIOL360	BMED445
BMED450	Clinical Chemistry	3	NUTR310	BMED450L
BMED450L	Clinical Chemistry Lab	1	NUTR310	BMED450

BMED460	Histopathology	3		
BMED470	Clinical Mycology and Virology	2		
BMED485	Clinical Assessment and Techniques	3		
MEDL399	Medical Laboratory Internship I	3		
MEDL499	Medical Laboratory Internship II	3		
Total		41		

General Education Requirements

Code	Title	Credits	Prerequisites	Corequisites
ARAB200	Arabic Language and Literature	3		
CSCI100	Basic Computing Skills	3	ELC103	
CSCI200	Introduction to Computers	3	CSCI100	
CULT200	Introduction to Arab - Islamic Civilization	3		
ENGL150	English Composition & Rhetoric	3		
ENGL200	Advanced English Composition & Rhetoric	3	ENGL150	
ENGL250	Technical writing	3	ENGL200	
ENGL350	English Communication Skills	3	ENGL200	
ENVR100	Global Environmental Issues	3	ELC103	
MATH100	College Algebra	3	ELC103	
SSCI125	Basic Sociology	3	ELC103	
Total		33		

General Education Electives

Code	Title	Credits	Prerequisites	Corequisites
	Elective	3		
	Elective	3		
Total		6		

Major Elective Courses

Code	Title	Credits	Prerequisites	Corequisites
There are no Major Elective Courses				