

BSc BIOLOGY - PRE-MED LIFESTYLE MEDICINE AND FLOURISHING TRACK: DEGREE REQUIREMENTS FOR 2024-2025

PROGRAM TOTAL CREDITS REQUIRED: 120 / MINIMUM CGPA FOR CONFERRAL: 2.00

	CR REQ	CRS PFX	CRS #	GR	CR
MAJOR REQUIREMENTS - MINIMUM GRADE: C - MINIMUM GPA FOR CONFERRAL: 2.30					
Introductory Biology (Lab Course)	3	BIOL	119		
Biological Diversity (Lab Course)	3	BIOL	120		
Principles of Ecology (Lab Course)	3	BIOL	230		
Heredity (Lab Course)	3	BIOL	277		
Animal Physiology (Lab Course)	3	BIOL	364		
Cellular Biology (Lab Course)	3	BIOL	374		
Introduction to Research	3	BIOL	391		
Lifestyle Medicine	3	BIOL	377		
Speciation	3	BIOL	424		
Biology Practicum	3	BIOL	485		
Health Screening and Basic Remedies	3	HLED	224		
Principles of Health Education	3	HLED	300		
Exercise Physiology (Lab Course)	3	PETH	415		
Positive Psychology	3	PSYC	447		
Principles of Nutrition	3	SCNC	225		
4 OF THE FOLLOWING	12				
Vertebrate Biology (Lab Course)		BIOL	327		
Histology (Lab Course)		BIOL	340		
Invertebrate Biology (Lab Course)		BIOL	350		
Developmental Biology (Lab Course)		BIOL	375		
Immunology (Lab Course)		BIOL	410		
Virology		BIOL	435		
Other BIOL 3xx, 4xx		BIOL			
TOTAL	57				

COGNATE REQUIREMENTS - MINIMUM GRADE: D					
Introductory University Chemistry I (Lab Course)	3	CHEM	111		
Introductory University Chemistry II (Lab Course)	3	CHEM	112		
Organic Chemistry I (Lab Course)	3	CHEM	241		
Organic Chemistry II (Lab Course)	3	CHEM	242		
General Physics I (Lab Course)	3	PHYS	111		
General Physics II (Lab Course)	3	PHYS	112		
1 OF THE FOLLOWING	3				
Elementary Calculus I		MATH	161		
Introduction to Statistics		MATH	240		
1 OF THE FOLLOWING	3				
Biochemical Molecules		BCHM	310		
Biochemical Processes		BCHM	315		

	CR REQ	CRS PFX	CRS #	GR	CR
COGNATE REQUIREMENTS (CONTINUED) - MINIMUM GRADE: D					
1 OF THE FOLLOWING	3				
Mechanisms of Disease		HLED	305		
Public Health and Epidemiology		HLED	310		
1 OF THE FOLLOWING	3				
Emotion and Wellbeing		PSYC	354		
Drugs and Behaviour		PSYC	365		
Brain and Behaviour		PSYC	375		
Self-Regulation		PSYC	415		
TOTAL	30				

BREADTH REQUIREMENTS* - MINIMUM GRADE: D					
RELIGIOUS STUDIES	9				
RELB, RELG, RELH, RELT course >299 (3)		REL_			
RELB, RELG, RELH, RELT courses (6)					
1)		REL_			
2)		REL_			
HUMANITIES	6				
<i>No more than 3 credits with the same prefix</i>					
<i>Select from: ARTH, ENGL 201, 202, 203, 275, MUHL 165, PHIL</i>					
1)					
2)					
SOCIAL SCIENCES	6				
Introduction to Psychology	3	PSYC	160		
1 OF THE FOLLOWING	3				
Lifestyle Developmental Psychology		PSYC	260		
Health Psychology		PSYC	270		
SCIENCES	3				
Health and Fitness		PETH	250		
Getting on Track for Success	3	UNIV	110		
TOTAL	27				

ELECTIVES - MINIMUM GRADE: D					
General Electives	6				
Medical Terminology (3) (recommended)		HLED	200		
Anatomy & Physiology I & II (recommended)		BIOL	111/112		
TOTAL	6				

* Scholars Program replaces Breadth Requirements. See Scholars Advisor for details.