



UHC Curriculum Guide for Bachelor of Science in Biology - Pre-Medicine Track (2022 - 2023)

A Ministry of the Marianites of Holy Cross



Course	Description	Gr.	Sem.	Course	Description	Hrs	Gr.	Sem.
General Education Core Curriculum				Major Area Courses				
BIO 101/101L	General Biology (lecture and lab)	4		BIO/CHE 360/360L	Biochemistry (lecture and lab)	4		
ENG 101	English Composition I	3		BIO 407/407L	Histology (lecture and lab)	4		
ENG 102	English Composition II	3		BIO 409	Senior Seminar	1		
HIS	History Elective	3		BIO 453/453L or BIO 457/457L	BIOMEDICAL ELECTIVE: Clinical Pathophysiology or Cardiorespiratory Physiology (lecture and lab)	4		
MAT 105	College Algebra	3		BIO/HSC 455/455L	Neuroscience (lecture and lab)	4		
PHI	Philosophy Elective	3		CHE 142/142L	General College Chemistry II (lecture and lab)	4		
PSY 101	General Psychology	3		CHE 201/201L	Organic Chemistry I (lecture and lab)	4		
SPE 101	Fundamentals of Public Speaking	3		CHE 202/202L	Organic Chemistry II (lecture and lab)	4		
THE	Theology Elective	3		PHY 151/151L	General Physics I (lecture and lab)	4		
Additional General Education Requirements				PHY 152/152L	General Physics II (lecture and lab)	4		
ART/FNA/MUS	Fine Arts Elective	3		Other Required Courses				
CHE 141/141L	General College Chemistry I (lecture and lab)	4		BIO 261/261L	Human Anatomy and Physiology I (lecture and lab)	4		
ENG	Literature Elective	3		BIO 262/262L	Human Anatomy and Physiology II (lecture and lab)	4		
HIS	History Elective	3		BIO 298	Pre-Medical Preceptorship	0		
MAT 160	Statistics	3		BIO 370/370L	Microbiology (lecture and lab)	4		
PHI	Philosophy Elective	3		BIO 375/375L	Genetics (lecture and lab)	4		
SOC 101	Introduction to Sociology	3		BIO	Biology Electives	5		
THE	Theology Elective	3			Free Electives	9		
				BIO 499	Exit Exam	0		

Total General Education Core

53

Total Curriculum

120