

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 Hris Gr.	"EPANS, 10UISIAN"					**************************************					
BIO 101/101L General Biology (lecture and lab) 4 BIO/CHE Biochemistry (lecture and lab) 4 ENG 101 English Composition I 3 BIO 407/407L General Biology (lecture and lab) 4 ENG 102 English Composition II 3 BIO 409 Senior Seminar 1 ENG 102 English Composition II 3 BIO 409 Senior Seminar 1 ENG 102 English Composition II 3 BIO 453/453L BIOMEDICAL ELECTIVE: Clinical Pathophysiology or Cardiorespiratory Physiology or Cardiorespiratory Physiology (lecture and lab) 4 ENG 105 English Composition II 4 English Composition II English Composition II 5 English	Course	Description		Gr.	Sem.	Course	Description	Hrs	Gr.	Sem.	
BIO 101/101L (lecture and lab) 4 360/360L (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 1 1 1 1 1 1 1 1	General Education Core Curriculum					Major Area Courses					
ENG 101	BIO 101/101L		4					4			
HIS History Elective 3 BIO 453/453L Or Cardiorespiratory Physiology Organic Chemistry II (lecture and lab) organic Che	ENG 101	English Composition I	3			BIO 407/407L	0,	4			
HIS History Elective 3 BIO 457/457L Clinical Pathophysiology or Cardiorespiratory Physiology (lecture and lab) MAT 105 College Algebra 3 BIO/HSC 455/455L Neuroscience (lecture and lab) PHI Philosophy Elective 3 CHE 142/142L General College Chemistry II (lecture and lab) PSY 101 General Psychology 3 CHE 201/201L Organic Chemistry II (lecture and lab) SPE 101 Fundamentals of Public Speaking 3 CHE 202/202L Organic Chemistry II (lecture and lab) THE Theology Elective 3 PHY 151/151L General Physics I (lecture and lab) Additional General Education Requirements PHY 152/152L General Physics II (lecture and lab) ARTI/FNA/MUS Fine Arts Elective 3 PHY 152/152L General Physics II (lecture and lab) ARTI/FNA/MUS Fine Arts Elective 3 BIO 261/261L Human Anatomy and Physiology I (lecture and lab) ENG Literature Elective 3 BIO 262/262L Human Anatomy and Physiology II (lecture and lab) HIS History Elective 3 BIO 370/370L General Proprise Discontinuity A (lecture and lab) MAT 160 Statistics 3 BIO 375/375L General College Chemics A (lecture and lab) SOC 101 Introduction to Sociology 3 BIO BIO Biology Electives 5	ENG 102	English Composition II	3			BIO 409	Senior Seminar	1			
PHI	HIS	History Elective	3			<u>or</u>	Clinical Pathophysiology <u>or</u> Cardiorespiratory Physiology	4			
PHI Philosophy Elective 3 CHE 142/142L (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 Difference and lab) 4 ART/FNA/MUS Fine Arts Elective 3 Difference and lab (lecture and lab) 4 ENG General College Chemistry I (lecture and lab) 4 ENG Literature Elective 3 BIO 261/261L 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 Genetics (lecture and lab) 4 PHI Philosophy Elective 3 BIO 375/375L Genetics (lecture and lab) 5 Genetics (lecture and lab) 5 Genetics (lecture and lab) 5 HIS Introduction to Sociology 3 BIO Biology Electives 5	MAT 105	College Algebra	3				(lecture and lab)	4			
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	THE	Theology Elective	3				Free Electives	9			
BIO 499 Exit Exam 0						BIO 499	Exit Exam	0			