



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

A Ministry of the Marianites of Holy Cross



Course	Description	Hrs	Gr.	Sem.	Course	Description	Hrs	Gr.	Sem.
<b>General Education Core Curriculum</b>					<b>Major Area Courses</b>				
BIO 101/101L	General Biology (lecture and lab)	4			BIO 302, 345 or BIO 400	BIO (Environmental) (if 4 hour, lecture and lab must be taken)	3 or 4		
ENG 101	English Composition I	3			BIO 310/311/312 or 355	BIO (Organismal) (lecture and lab)	4		
ENG 102	English Composition II	3			BIO/CHE 360/360L	Biochemistry (lecture and lab)	4		
HIS	History Elective	3			BIO 409	Senior Seminar	1		
MAT 105	College Algebra	3			CHE 142/142L	General College Chemistry II (lecture and lab)	4		
PHI	Philosophy Elective	3			CHE 201/201L	Organic Chemistry I (lecture and lab)	4		
PSY or SOC	Psychology or Sociology Elective	3			CHE 202/202L	Organic Chemistry II (lecture and lab)	4		
SPE 101	Fundamentals of Public Speaking	3			PHY 151/151L	General Physics I (lecture and lab)	4		
THE	Theology Elective	3			PHY 152/152L	General Physics II (lecture and lab)	4		
<b>Additional General Education Requirements</b>					<b>Other Required Courses</b>				
ART/FNA/MUS	Fine Arts Elective	3			BIO 261/261L	Human Anatomy and Physiology I (lecture and lab)	4		
CHE 141/141L	General College Chemistry I (lecture and lab)	4			BIO 262/262L	Human Anatomy and Physiology II (lecture and lab)	4		
ENG	Literature Elective	3			BIO 370/370L	Microbiology (lecture and lab)	4		
HIS	History Elective	3			BIO 375/375L	Genetics (lecture and lab)	4		
MAT 160	Statistics	3			BIO 407/407L	Histology (lecture and lab)	4		
PHI	Philosophy Elective	3			BIO	Biology Elective(s)	1 or 2		
	Social Science Elective	3				Free Electives	12		
THE	Theology Elective	3			BIO 499	Exit Exam	0		

**Total General Education Core**

**53**

**Total Curriculum**

**120**