



**OLHCC Curriculum Guide**  
**for Bachelor of Science in Biology with a**  
**Concentration in Pre-Veterinary Medicine (2011 - 2012)**

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	General Biology	4			BIO 251/ 253/ or 254	Zoology, Invertebrate Zoology or Vertebrate Zoology	4		
ENG 101	English Composition I	3			BIO/CHE 360	Biochemistry	4		
ENG 102	English Composition II	3			BIO 409	Senior Seminar	1		
HIS	History Elective	3			CHE 141	General Chemistry I	4		
MAT 105	College Algebra	3			CHE 142	General Chemistry II	4		
PHI	Philosophy Elective	3			CHE 201	Organic Chemistry I	5		
PSY 101	General Psychology	3			CHE 202	Organic Chemistry II	5		
SPE 101	Fundamentals of Public Speaking	3			MAT 106	Trigonometry	3		
THE	Theology Elective	3			MAT 250	Calculus I	4		
<b>Additional General Education Requirements</b>					<b>Other Required Courses</b>				
BIO 291	Stress Management	1			PHY 151	General Physics I	4		
BIO 370	Microbiology	4			PHY 152	General Physics II	4		
ENG	Literature Elective	3			BIO 250 or BIO 400	Botany or Ecology	4		
FNA/MUS/ART	Fine Arts Elective	3			BIO 340 or BIO 407	Cell Biology or Histology	4		
HIS	History Elective	3			BIO 375	Genetics	4		
MAT 160	Introductory Statistics	3			BIO	Biology Electives	8		
PHI 305	Ethics and Value Theory	3			BUS 218	Introduction to Business	3		
PSY	Psychology Elective	3				Electives	9		
THE	Theology Elective	3				Exit Exam - <i>GRE Biology or MCAT</i>			

**Total General Education Core**

**54**

**Total Curriculum**

**128**