



**OLHCC Curriculum Guide**  
**for Bachelor of Science in Biology with a**  
**Concentration in Pre-Dentistry (2010 - 2011)**  
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                       | 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 102                       | General Chemistry I             | 4   |     |      |
| MAT 105  | College Algebra                             | 3   |     |      | CHE 103                       | General Chemistry II            | 4   |     |      |
| PHI 207  | Introduction to Logic and Critical Thinking | 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> |   |     |     |      | PHY 251                       | General Physics I               | 4   |     |      |
| BIO 291  | Stress Management                           | 1   |     |      | PHY 252                       | General Physics II              | 4   |     |      |
| BIO 351  | Human Anatomy and Physiology I              | 4   |     |      | <b>Other Required Courses</b> |                                 |     |     |      |
| ENG  | Literature Elective                         | 3   |     |      | BIO 250 or BIO 400            | Botany or Ecology               | 4   |     |      |
| FNA/MUS/ART                                      | Fine Arts Elective                          | 3   |     |      | BIO 352                       | Human Anatomy and Physiology II | 4   |     |      |
| HIS  | History Elective                            | 3   |     |      | BIO 370                       | Microbiology                    | 4   |     |      |
| MAT 160  | Introductory Statistics                     | 3   |     |      | BIO 375                       | Genetics                        | 4   |     |      |
| PHI 305  | Ethics and Value Theory                     | 3   |     |      | BIO 407                       | Histology                       | 4   |     |      |
| SOC 101  | Introduction to Sociology                   | 3   |     |      | BUS 218                       | Introduction to Business        | 3   |     |      |
| THE  | Theology Elective                           | 3   |     |      | PSY                           | Psychology Elective             | 3   |     |      |
|  |   |     |     |      | -                             | Electives                       | 6   |     |      |

**Total General Education Core**

**54**

**Total Curriculum**

**128**