

Biology Major

Bachelor of Science

2023-2024 Degree Plan

Core Curriculum 50 Credits

| | | |
|----------|--|---|
| BIB 434 | Romans | 3 |
| BIB/THE | Bible Theology Elective (300-400 level) | 3 |
| CHM 122 | The Great Commandment | 3 |
| CHM 301 | Spiritual and Leadership Development | 3 |
| CHM 328 | The Great Commission | 3 |
| ENG 131 | English Composition | 3 |
| ENG 132 | Writing and Literature | 3 |
| HIS 135X | Old Testament History | 3 |
| HIS 136X | New Testament History | 3 |
| SCI 243 | General Biology I | 4 |
| SCI 244 | General Biology II | 4 |
| THE 231 | Christian Doctrine | 3 |
| COM 140 | Perspectives in Communication or | |
| COM 252 | Interpersonal Communication | 3 |
| FAR/MUS | Fine Arts Elective or | |
| HON 225 | Beauty: Art and Culture | 3 |
| HIS 133 | World Civilization to 1500 or | |
| HIS 134 | World Civilization since 1500 or | |
| HIS 231 | American Civilization to 1877 or | |
| HIS 232 | American Civilization since 1877 | 3 |
| PSY 130 | General Psychology or | 3 |
| SOC 230 | Sociology | |

Electives 23 Credits

*Students would work closely with advisor to determine the electives best suited to their area of biological interest. Electives could include SCI 312, SCI 326, SCI 350, SCI 359, SCI 379, SCI 415, SCI 436, or SCI 437

A minimum of 36 credits must be at the upper (300-400) level for a bachelor degree.

Biology Major 52 Credits

| | | |
|---|------------------------------------|----|
| SCI 200 | Ecology | 4 |
| SCI 245 | General Chemistry I | 4 |
| SCI 246 | General Chemistry II | 4 |
| SCI 250 | Genetics | 4 |
| SCI 435 | Organic Chemistry I | 4 |
| SCI 441 | Senior Science Seminar | 3 |
| SCI | Science Electives (300-400 level)* | 23 |
| | | |
| Choose 2 of the following Math options. | | |
| MAT 131 | College Algebra | 3 |
| MAT 226 | Applied Statistics | 3 |
| MAT 243 | Calculus I | 4 |

All major core classes must be completed with a grade of C or higher.

Total Credits 125 Credits

| | |
|-----------------|----|
| Core Curriculum | 50 |
| Electives | 23 |
| Biology Major | 52 |

Total Credits Required for Graduation 125

Biology Major

Four Year Plan

| Freshman | | Fall (13 credits) | | Freshman | | Spring (16 credits) | |
|------------------|----------------------------------|-----------------------------|-----|------------------|----------------------------------|-------------------------------|-----|
| HIS 135X | Old Testament History or | | | HIS 135X | Old Testament History or | | |
| HIS 136X | New Testament History | | 3 | HIS 136X | New Testament History | | 3 |
| CHM 122 | Great Commandment | | 3 | ENG 132 | Writing and Literature | | 3 |
| ENG 131 | English Composition | | 3 | HIS 133 | World Civilization to 1500 or | | |
| SCI 243 | General Biology I | | 4 | HIS 134 | World Civilization since 1500 or | | |
| | | | | HIS 231 | American Civilization to 1877 or | | |
| | | | | HIS 232 | American Civilization since 1877 | | 3 |
| | | | | SCI 244 | General Biology II | | 4 |
| | | | | PSY 130 | General Psychology or | | |
| | | | | SOC 230 | Sociology | | 3 |
| Sophomore | | Fall (16-17 credits) | | Sophomore | | Spring (17-18 credits) | |
| COM 140 | Perspectives in | | | CHM 328 | Great Commission | | 3 |
| | Communication (even) or | | | MAT | Math Elective | | 3-4 |
| COM 252 | Interpersonal Communication | | | SCI | Science Elective (300-400 level) | | 4 |
| | (even) or | | | Elective | General Elective | | 3 |
| SCI 245 | General Chemistry I (odd) | | 3-4 | SCI 246 | General Chemistry II (even) or | | |
| FAR/MUS | Fine Arts Elective or | | | SCI 250 | Genetics (odd) | | 4 |
| HON 225 | Beauty: Art and Culture | | 3 | | | | |
| MAT | Math Elective | | 3 | | | | |
| SCI 200 | Ecology | | 4 | | | | |
| THE 231 | Christian Doctrine | | 3 | | | | |
| Junior | | Fall (14-15 credits) | | Junior | | Spring (17 credits) | |
| CHM 301 | Spiritual and Leadership | | | BIB/THE | Bible or Theology Elective | | |
| | Development | | 3 | | (300-400 level) | | 3 |
| SCI | Science Elective (300-400 level) | | 4 | SCI 246 | General Chemistry II (even) or | | |
| COM 140 | Perspectives in | | | SCI 250 | Genetics (odd) | | 4 |
| | Communication (even) or | | | SCI | Science Elective (300-400 level) | | 4 |
| COM 252 | Interpersonal Communication | | | Elective | General Electives | | 6 |
| | (even) or | | | | | | |
| SCI 245 | General Chemistry I (odd) | | 3-4 | | | | |
| SCI 435 | Organic Chemistry I (even) or | | | | | | |
| SCI | Science Elective (300-400 level) | | | | | | |
| | (odd) | | 4 | | | | |
| Senior | | Fall (17 credits) | | Senior | | Spring (14 credits) | |
| SCI 435 | Organic Chemistry I (even) or | | | BIB 434 | Romans | | 3 |
| SCI | Science Electives | | | SCI 441 | Senior Science Seminar | | 3 |
| | (300-400 level) (odd) | | 4 | SCI | Science Elective | | 3 |
| SCI | Science Elective (300-400 level) | | 4 | Electives | General Electives | | 5 |
| Electives | General Electives | | 9 | | | | |