

PROGRAM OF STUDY IN BIOLOGY

FRESHMAN YEAR

| <i>First Semester</i> | | <i>SCH</i> | <i>Second Semester</i> | | <i>SCH</i> |
|-----------------------|------------------------------|------------|------------------------|----------------------------------|------------|
| ENG 131 | Analysis & Argumentation | 3 | ENG 132 | Information, Literacy & Research | 3 |
| MATH 138 | College Algebra | 3 | MATH 140 | Precalculus | 4 |
| *BIO 137 | Principles of Biology I | 3 | *BIO 138 | Principles of Biology II | 3 |
| *BIO 117L | Principles of Biology I Lab | 1 | *BIO 118L | Principles of Biology II Lab | 1 |
| STEM 131 | Critical Thinking in Biology | 3 | HIST 130 | Afr. American History | 3 |
| STEM 130 | History of Biology | 3 | | Health and Wellness | 2 |
| STEM 111 | The College Experience I | 1 | STEM 112 | The College Experience II | 1 |
| Total | | 17 | Total | | 17 |

SOPHOMORE YEAR

| <i>First Semester</i> | | <i>SCH</i> | <i>Second Semester</i> | | <i>SCH</i> |
|-----------------------|---|------------|------------------------|--|------------|
| ENG 237 | Oral Communication | 3 | *BIO | BIO 200 Level | 3 |
| FR/SP/AR 233 | Intermediate Foreign Language | 3 | *BIO | BIO 200 Level Lab | 1 |
| MATH 143 | Calculus I | 4 | CHEM 138 | Principles of Chemistry II | 3 |
| CHEM 136 | Principles of Chemistry | 3 | CHEM 118L | Principles of Chemistry II Lab | 1 |
| CHEM 117L | Principles of Chemistry Lab | 1 | CSC 230/STEM 233 | Visual Basic or Data Analysis | 3 |
| STEM 221 | Professional Pathways Dev. In Biological Sciences | 2 | *STEM 230/SCI 230 | Scientific Writing or Biomedical Research Techniques | 3 |
| | | | SCI 238 | Undergrad. Research in Bio. | 3 |
| Total | | 16 | Total | | 17 |

JUNIOR YEAR

| <i>First Semester</i> | | <i>SCH</i> | <i>Second Semester</i> | | <i>SCH</i> |
|-----------------------|-----------------------|------------|------------------------|----------------------------|------------|
| *BIO | BIO 300 Level | 3 | *BIO | BIO 300 Level | 3 |
| *BIO | BIO 300 Level Lab | 1 | *BIO | BIO 300 Level Lab | 1 |
| STEM 337 | Human Social Behavior | 3 | *BIO | BIO 300 Level Lab | 1 |
| PHYS 231 | General Physics I | 3 | PHYS 232 | General Physics II | 3 |
| PHYS 211L | General Physics I Lab | 1 | PHYS 212L | General Physics II Lab | 1 |
| CHEM 237 | Organic Chemistry | 3 | CHEM 238 | Organic Chemistry II | 3 |
| CHEM 217L | Organic Chemistry Lab | 1 | CHEM 218L | Organic Chemistry II Lab | 1 |
| SCI 331 | Ethics in Science | 3 | STEM 328 | Career Entrance Exams Prep | 2 |
| Total | | 18 | Total | | 15 |

SENIOR YEAR

| <i>First Semester</i> | | <i>SCH</i> | <i>Second Semester</i> | | <i>SCH</i> |
|-----------------------|------------------------------|------------|------------------------|-------------------------------|------------|
| *BIO | BIO 400 Level | 3 | *BIO | BIO 400 Level | 3 |
| *BIO | BIO 400 Level Lab | 1 | *BIO | BIO Electives | 4 |
| *BIO | BIO 400 Level Lab | 1 | *BIO 422 | Senior Research in Biology II | 2 |
| *BIO 421 | Senior Research in Biology I | 2 | SCI 434 | Special Topics in Biology | 3 |
| | Global and Intercultural | 3 | | Global and Intercultural | 3 |
| *BIO | BIO Elective | 3 | | | |
| Total | | 13 | Total | | 15 |

Total SCH 128

SCH in Major* 43

*Major courses require a "C" or better.

BIO Electives = BIO, CHEM, EHS, SCI, or STEM 200 level or above in Biology, Chemistry, or Environ. Health Science