

Student: _____

ID #: _____ Major: _____



CORE CURRICULUM GUIDE

Credits required: 48

Academic Year 2020-2021

| Realms and Additional requirements | Met | Credits | Gr | Cr | Tm |
|--|--------------------------|---------|----|----|----|
| PHILOSOPHY/THEOLOGY (sea, phi, thy) (min 10 credits) | <input type="checkbox"/> | | | | |
| Search for Meaning (sea) (SEA 101) | | 4 | | | |
| Philosophy (phi) | | 3-4 | | | |
| Theology (thy) | | 3-4 | | | |
| COMMUNICATIONS/MATH (cm) (min. 8 credits) | <input type="checkbox"/> | | | | |
| Oral Communication (1 of 3 public speaking courses) | | 2-3 | | | |
| College Research Writing (ENG 120) | | 3 | | | |
| World Language (3 credits or equivalency fulfilled) | | 3 | | | |
| College Level Math (MAT 104 or higher) | | 3-4 | | | |
| HUMANISTICS (his, bes, hum) (min. 9 credits) | <input type="checkbox"/> | | | | |
| History (his) (min. 3 cr.) | | 3-4 | | | |
| Behavioral Science (bes) (min. 3 cr.) | | 3-4 | | | |
| Option (his, bes, hum) (min. 3 cr.) | | 3-4 | | | |
| LITERATURE/FINE ARTS (lit, fa) (min. 9 credits) | <input type="checkbox"/> | | | | |
| Literature (lit) (min. 3 cr.) | | 3-4 | | | |
| Fine Arts (fa) (min. 3 cr. of music, art, or dance) | | 3-4 | | | |
| Option (lit or fa) (min. 2 cr.) | | 2-4 | | | |
| SCIENCES (sci, bio, che, phy) (min. 3 credits) | <input type="checkbox"/> | | | | |
| Earth science, biology, chemistry, or physics (min. 3 cr.) | | 3-4 | | | |
| LEADERSHIP REQUIREMENT (Waived for those with ≥ 15 credits or ≥ 24 years. Not waived for the RN to BSN or Nursing 1-2-1 Program.) | <input type="checkbox"/> | | | | |
| Leadership for Social Justice Seminar (SYM 110) (W = waived) | | 3 | | | |
| GLOBAL REQUIREMENT (g) (min. 3 credits) | <input type="checkbox"/> | | | | |
| One "global-designated" course. Transfer courses do not qualify. | | 3-4 | | | |
| GRADUATION REQUIREMENTS: 120 total credits required for graduation. Additional information in the University bulletin. | | | | | |
| ELECTIVE CREDITS | | | | | |
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BIOLOGY GENERAL SEQUENCE**MAJOR**

Credits required: 57

Academic Year 2020-2021

Note: 2.2 GPA in the major and 2.0 GPA overall. Grade point average and other requirements for students in the Biology Major-Education Sequence or the Biology-Broad Field Science Major are described in the Education Department section of this bulletin.

| Course Code | Course Title | Credits | Gr | Cr | Tm |
|---------------------------|--|---------------|----|----|----|
| BIO 100 | Introduction to Cell and Molecular Biology | 4 | | | |
| BIO 102 | Introduction to Ecology and Evolutionary Biology | 4 | | | |
| BIO 218 | Biodiversity | 4 | | | |
| BIO 337 | Genetics | 4 | | | |
| BIO 493 | Biology Seminar | 1 | | | |
| BIO 494 | Biology Seminar | 1 | | | |
| | | | | | |
| | Required Mathematics courses (select 1 option): | | | | |
| PSY 310 and MAT 111 | Option 1: Behavior Science Statistics and College Algebra | 4 and 4 | | | |
| MAT 216 | Option 2: Elementary Statistics | 4 | | | |
| | | | | | |
| | Required Chemistry courses: | | | | |
| CHE 113 | General Chemistry I | 4 | | | |
| CHE 114 | General Chemistry II | 4 | | | |
| | | | | | |
| | Must take at least 1 of the following courses: | | | | |
| BIO 442 | Advanced Microbiology | 4 | | | |
| BIO 448 | Animal Behavior | 4 | | | |
| BIO 457 | Ecology | 4 | | | |
| | | | | | |
| | Choose 15-16 credits (at least 8 credits at the 300-400 level): | | | | |
| BIO 211 | Human Anatomy | 4 | | | |
| BIO 212 | Human Physiology | 4 | | | |
| BIO 215 | Botany | 4 | | | |
| BIO 216 | Environmental Science | 3 | | | |
| BIO 220 | Contemporary Environmental Issues | 3 | | | |
| BIO 250 | Cell Biology | 3 | | | |
| BIO 307 | Field Studies in Costa Rica | 3 | | | |
| BIO 325 | Microbiology | 4 | | | |
| BIO 356 | Developmental Biology | 4 | | | |
| BIO 442 | Advanced Microbiology | 4 | | | |
| BIO 448 | Animal Behavior | 4 | | | |
| BIO 457 | Ecology | 4 | | | |
| | | | | | |
| | Choose 7-8 elective credits from the following courses: | | | | |

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|---------|------------------------------------|---|--|--|--|
| CHE 206 | Organic and Biochemistry | 4 | | | |
| CHE 216 | Environmental Science | 3 | | | |
| CHE 222 | Instrumental Quantitative Analysis | 4 | | | |
| CHE 333 | Organic Chemistry I | 4 | | | |
| CHE 334 | Organic Chemistry II | 4 | | | |
| CHE 352 | Biochemistry | 4 | | | |
| PHY 105 | Foundations of Physical Science | 3 | | | |
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