

Student: _____

ID #: _____ Major: _____



BIOLOGY HEALTH SCIENCES SEQUENCE POST-BACCALAUREATE CERTIFICATION

Credits required: 66

Academic Year 2019-2020

| 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 325 | Microbiology | 4 | | | |
| BIO 337 | Genetics | 4 | | | |
| BIO 356 | Developmental Biology | 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 | | | |
| CHE 333 | Organic Chemistry I | 4 | | | |
| CHE 334 | Organic Chemistry II | 4 | | | |
| | | | | | |
| | Required Physics courses: | | | | |
| PHY 201 | General Physics I | 4 | | | |
| PHY 202 | General Physics II | 4 | | | |
| | | | | | |
| | Choose 2 from the following courses: | | | | |
| BIO 442 | Advanced Microbiology | 4 | | | |
| BIO 448 | Animal Behavior | 4 | | | |
| BIO 457 | Ecology | 4 | | | |
| | | | | | |
| | Choose 4 credits from the following courses: | | | | |
| BIO 207 | Field Studies in Costa Rica | 3 | | | |
| 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 | | | |
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