

Student: \_\_\_\_\_  
ID #: \_\_\_\_\_ Major: \_\_\_\_\_

**BIOLOGY  
HEALTH SCIENCES CONCENTRATION**

**POST-BACCALAUREATE CERTIFICATION**

Credits required: 68

Academic Year 2023-2024

Course Code	Course Title	Credits	Gr	Cr	Tm
BIO 100	Introduction to Cell and Molecular Biology and Lab	4			
BIO 102	Introduction to Ecology and Evolutionary Biology and Lab	4			
BIO 218	Biodiversity and Lab	4			
BIO 325	Microbiology and Lab	4			
BIO 337	Genetics and Lab	4			
BIO 356	Developmental Biology and Lab	4			
BIO 493	Biology Seminar	1			
BIO 494	Biology Seminar	1			
<b>Required Mathematics courses (select 1 option):</b>					
PSY 310 <b>and</b> MAT 111	Behavior Science Statistics <b>and</b> Algebra II	4 <b>and</b> 4			
MAT 216	Statistics	4			
<b>Required Chemistry courses:</b>					
CHE 113	General Chemistry I and Lab	4			
CHE 114	General Chemistry II and Lab	4			
CHE 333	Organic Chemistry I and Lab	4			
CHE 334	Organic Chemistry II and Lab	4			
CHE 352	Biochemistry	3			
<b>Required Physics courses:</b>					
PHY 201	General Physics I and Lab	4			
PHY 202	General Physics II and Lab	4			
<b>Choose 2 from the following courses:</b>					
BIO 415	Advanced Genetics	4			
BIO 442	Advanced Microbiology	4			
BIO 457	Ecology	4			
CHE 416	Biochemistry II and Lab	4			
<b>Choose 1 from the following courses:</b>					
BIO 211	Human Anatomy and Lab	4			
BIO 212	Human Physiology and Lab	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			