

Student: _____

ID #: _____ Major: _____

**BIOLOGY HEALTH SCIENCES SEQUENCE POST-BACCALAUREATE CERTIFICATION**

Credits required: 66

Academic Year 2022-2023

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	Behavior Science Statistics and	4 and			
MAT 111	Algebra II	4			
MAT 216	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 411	Exercise Physiology	3			
BIO 442	Advanced Microbiology	4			
BIO 457	Ecology	4			
	Choose 3-4 credits from the following courses:				
BIO 211	Human Anatomy	4			
BIO 212	Human Physiology	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			