

Student: _____

ID #: _____ Major: _____



**BIOLOGY EDUCATION
EARLY ADOLESCENCE/ADOLESCENCE (EA/A)**

**POST-BACCALAUREATE
CERTIFICATION**

Credits required: 57 Biology + 37 Education

Academic Year 2019-2020

Course Code	Course Title	Credits	Gr	Cr	Tm
	PROFESSIONAL EDUCATION REQUIREMENTS;;				
	Workshop 1st semester				
EDU 303/502	Teaching Literacy in Content Areas (Fieldwork)	3			
EDU 321	Psychology Applied to Teaching	3			
EDU 321P	Practicum in Educational Psychology	1			
EDU 322	Instructional Methods	3			
EDU 322P	Practicum in Instructional Methods	1			
EDU 324	Instructional Methods: Subject	2-3			
EDU 401	Student Teaching Seminar	1			
EDU 482 and/or	Student Teaching in Secondary School and/or	4-12			
EDU 489	Student Teaching in Middle School				
EDU 700	Diversity Among Learners	3			
EDU 701	Child and Adolescent Development	3			
EDU 703	Exceptional Learners	3			
EDU 715	Seminar: Policy Issues in Education	3			
	WDPI GENERAL STUDIES REQUIREMENTS:				
	Written Communication				
	Oral Communication				
	Mathematics				
	Fine Arts				
	Social Studies				
	Biological Science				
	Physical Science				
	Humanities				
	Western History/Culture				
	Non-Western History/Culture				
	MAJOR COURSES REQUIRED:				
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 494	Biology Seminar	1			
MAT 216	Elementary Statistics	4			
CHE 113	General Chemistry I	4			
CHE 114	General Chemistry II	4			
	Choose 1 of the following courses:				

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BIO 442	Advanced Microbiology	4			
BIO 448	Animal Behavior	4			
BIO 457	Ecology	4			
	Choose 16 credits with at least 8 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 218	Biodiversity	4			
BIO 220	Contemporary Environmental Issues	3			
BIO 256	Developmental Biology	4			
BIO 325	Microbiology	4			
BIO 442	Advanced Microbiology	4			
BIO 448	Animal Behavior	4			
BIO 457	Ecology	4			
	Choose 8 elective credits from the following:				
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	3			