

Student: _____

ID #: _____ Major: _____



BIOLOGY EDUCATION EARLY ADOLESCENCE/ADOLESCENCE (EA/A)		POST-BACCALAUREATE CERTIFICATION			
Credits required: 57 Biology + 26-27 Education + 4-13 Student Teaching		Academic Year 2022-2023			
Course Code	Course Title	Credits	Gr	Cr	Tm
PROFESSIONAL EDUCATION REQUIREMENTS:					
EDU 303/502	Literacy in Content Areas (fieldwork)	3			
EDU 321	Psychology Applied to Teaching	3			
EDU 321P	Practicum in Educational Psychology (EC/MC/EA)	1			
EDU 322	Instructional Methods	3			
EDU 322P	Practicum in Instructional Methods	1			
EDU 324	Instructional Methods: Subject	3			
EDU 401	Student Teaching Seminar	1			
EDU 482 or EDU 489	Student Teaching in Secondary School or Student Teaching in Middle School	3-12			
EDU 700	Diversity Among Learners	3			
EDU 701 or PSY 214	Child and Adolescent Development or Developmental Psychology	3 or 4			
EDU 703	Exceptional Learners	3			
EDU 715	Seminar: Policy Issues in Education	3			
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	Statistics	4			
CHE 113	General Chemistry I	4			
CHE 114	General Chemistry II	4			
BIO 442 or BIO 457	Advanced Microbiology or Ecology	4			
Choose 15-16 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			

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BIO 442	Advanced Microbiology	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			