

Student: _____
 ID #: _____ Major: _____



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

**POST-BACCALAUREATE
 CERTIFICATION**

Credits required: 54 Chemistry + 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:				
CHE 113	General Chemistry I	4			
CHE 114	General Chemistry II	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			
CHE 435	Inorganic Chemistry	4			
CHE 443	Physical Chemistry	4			
BIO 100	Introduction to Cell and Molecular Biology	4			

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BIO 102	Introduction to Ecology and Evolutionary Biology	4			
PHY 201	General Physics I	4			
PHY 202	General Physics II	4			
MAT 216	Elementary Statistics	4			
	Pre-veterinary students take BIO 218 Biodiversity	4			