

Student: _____
 ID #: _____ Major: _____

BROAD FIELD CHEMISTRY EDUCATION EARLY ADOLESCENCE/ADOLESCENCE (EA/A)		POST-BACCALAUREATE CERTIFICATION			
Credits required: 57 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 333	Organic Chemistry I	4			
CHE 334	Organic Chemistry II	4			
CHE 352	Biochemistry	4			
CHE 222	Instrumental Quantitative Analysis	4			
BIO 100	Introduction to Cell and Molecular Biology	4			
BIO 102	Introduction to Ecology and Evolutionary Biology	4			
	8 additional Biology credits, excluding BIO 105	8			

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PHY 201	General Physics I	4			
PHY 202	General Physics II	4			
MAT 216	Elementary Statistics	4			
	Choose 6 credits of Earth Science:				
SCI 208	Modern Science	3			
BIO/CHE/ SCI 210	Earth and Space	3			
BIO/CHE/ SCI 216	Environmental Science	3			