

Student: \_\_\_\_\_

ID #: \_\_\_\_\_ Major: \_\_\_\_\_

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

**POST-BACCALAUREATE  
CERTIFICATION**

Credits required: 36 Mathematics + 37 Education

Academic Year 2019-2020

Course Code	Course Title	Credits	Gr	Cr	Tm
	<b>PROFESSIONAL EDUCATION REQUIREMENTS:</b>				
	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 <b>and/or</b>	Student Teaching in Secondary School <b>and/or</b>	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			
	<b>WDPI GENERAL STUDIES REQUIREMENTS:</b>				
	Written Communication				
	Oral Communication				
	Mathematics				
	Fine Arts				
	Social Studies				
	Biological Science				
	Physical Science				
	Humanities				
	Western History/Culture				
	Non-Western History/Culture				
	<b>MAJOR COURSES REQUIRED:</b>				
MAT 251	Calculus I	4			
MAT 252	Calculus II	4			
MAT 301	Fundamental Concepts of Higher Mathematics	4			
MAT 325	Discrete Math	4			
MAT 331	Abstract Algebra	4			
MAT 333	Linear Algebra	4			
MAT 343	Modern Geometry	4			
MAT 346	Introduction to Probability and Statistics	4			
	<b>Choose at least 1 elective from the following courses:</b>				

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MAT 203	Concepts of Geometry	4			
MAT 261	Calculus III	4			
MAT 321	Differential Equations	4			
MAT 347	Elementary Number Theory	4			
MAT 495	Topics in Math	4			
MAT 496	Independent Study	4			