

Student: _____
 ID #: _____ Major: _____

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

**POST-BACCALAUREATE
 CERTIFICATION**

Credits required: 34 Mathematics + 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:				
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			
	Choose at least 1 of the following courses:				
MAT 203	Concepts of Geometry	3			
MAT 261	Calculus III	4			
MAT 321	Differential Equations	4			
MAT 347	Elementary Number Theory	4			
MAT 495	Topics in Mathematics	2-4			
MAT 496	Independent Study	4			