

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



**MATHEMATICS EDUCATION  
 MIDDLE/HIGH SCHOOL (GRADES 4-12)**

**POST-BACCALAUREATE CERTIFICATE**

Credits required: 30 Mathematics +  
 27 Education +  
 4-13 Student Teaching and Seminar

Academic Year 2024-2025

Course Code	Course Title	Credits	Gr	Cr	Tm
<b>PROFESSIONAL EDUCATION REQUIREMENTS</b>					
PSY 214	Developmental Psychology	4			
EDU 303/502	Literacy in Content Areas (fieldwork)	3			
EDU 321	Teaching and Learning	3			
EDU 321P	Practicum in Teaching and Learning	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 405/703	Exceptional Learners	3			
EDU 482 or EDU 489	Student Teaching in High School or Student Teaching in Middle School	3-12			
EDU 700	Diversity Among Learners	3			
EDU 715	Seminar: Policy Issues in Education	3			
<b>CONTENT COURSES REQUIRED:</b>					
MAT 251	Calculus I	4			
MAT 252	Calculus II	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 of the following courses:</b>					
MAT 203	Concepts of Geometry	3			
MAT 261	Calculus III	4			
MAT 301	Fundamental Concepts of Higher Mathematics	4			
MAT 321	Differential Equations	4			
MAT 347	Elementary Number Theory	4			
MAT 495	Topics in Mathematics	2-4			
MAT 496	Independent Study	4			