

Student: _____

ID #: _____ Major: _____



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

**POST-BACCALAUREATE
CERTIFICATION**

Credits required: 31 Mathematics + 26 Education + 4-13 Student Teaching

Academic Year 2020-2021

| 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 | Child and Adolescent Development | 3 | | | |
| EDU 703 | Exceptional Learners | 3 | | | |
| EDU 715 | Seminar: Policy Issues in Education | 3 | | | |
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| | 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 | | | |
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| | 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 | | | |
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