

Name \_\_\_\_\_

ID# \_\_\_\_\_

**MATHEMATICS - B.S. DEGREE**  
**TEACHER CERTIFICATION**

**Mathematics Core** (“C” or above)

MA 181 Calculus I		MA 182 Calculus II	
MA 283 Calculus III		MA 284 Calculus IV	
MA 301 Concepts of Abstract Mathematics		MA 303 Modern Geometry	
MA 304 Modern Algebra		MA 305 Linear Algebra	
MA 306 Differential Equations		MA 310 Probability & Statistics	
MA 318 Mathematics for Secondary School Teachers		MA 319 Mat. & Meth. in the Teaching of Secondary Mathematics	

**Select 1 of the following:** (“C” or above)

MA 455 Advanced Calculus I		MA 461 General Topology	
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**Select 1 of the following:** (“C” or above)

SM 125 Fortran		SM 135 Programming in C++	
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**B.S. Requirements:**

**Must complete at least 14 hours of Science, which must include PSP 211 or PSP 213:**

PSP 211 or 213 Physics w/lab		Natural Science w/lab	
3 hours science		3 hours science	
MA 123 Statistics			

**Professional Education Requirements:** (“C” or above)

ED 300 Education as a Profession		ED 302 Art & Science of Teaching	
ED 306 Intro to Exceptional Learners		ED 351 Educational Measurement	
ED 365 Content Area Reading		ED 401 Teacher Internship Sem: Classrm Mgt	
ED 409 Observation & Directed Teaching: Secondary		PSY 206 Human Growth & Development	
PSY 360 Educational Psychology		COM 101 Oral Communication	

**General Electives (3 hours or as needed to meet degree requirements)**

Comprehensive Exit Exam		Exit Questionnaire	
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**Total degree hours required = 124 semester hours**

**2.0 Major & Departmental GPA Required**

Audited:
