

**BACHELOR OF SCIENCE IN EDUCATION (B.S. Ed.) SECONDARY EDUCATION 9-12  
MATHEMATICS CONCENTRATION**

**NAME:** \_\_\_\_\_ **STUDENT NUMBER:** \_\_\_\_\_

**\*Prerequisite Required**

**GENERAL EDUCATION REQUIREMENTS (42 credit hours)**

<b>FIRST YEAR WRITING [3]</b>  <i>ENG 1100</i>  _____	<b>COMMUNICATION PROFICIENCY [3]</b> <i>EDUC 2222</i> <i>OR COMM 1040</i>  _____	<b>MATHEMATICS PROFICIENCY [3]</b>  <i>MATH 1030</i>  _____	<b>INFORMATION LITERACY [3]</b>  <i>ED TECH 2230</i>  _____
<b>US HISTORY &amp; GOVT [3]</b>  <i>POL SCI 1100 OR</i> <i>HISTORY 1001</i>  _____	<b>HUMANITIES OR FINE ARTS [3]</b>  _____ _____ _____	<b>SOCIAL SCIENCES [3]</b>  _____ _____ _____ <i>Anthropology/Cultural Diversity</i>	<b>MATH &amp; SCIENCES [3]</b>  _____ _____ _____

<b>JUNIOR LEVEL WRITING - UNIVERSITY REQUIREMENT (3):</b> <i>ENGL 3100</i>  _____
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**PREPARING FOR TEACHER EDUCATION PROGRAM COURSEWORK: NINE HOURS REQUIRED**

<u>COURSES</u>	<u>HRS</u>	<u>SEMESTER/GRADE</u>
TCH ED 1000: Building Community, Culture, & Learning in Education (FTS)	1	_____
TCH ED 1001: Early Clinical Experience: Community Agency	1	_____
TCH ED 2000: Becoming a Professional Educator	1	_____
TCH ED 2001: Early Clinical Experience: Schools	1	_____
TCH ED 2209: Foundations of Teaching in American Schools	2	_____
ED PSY 2212: Child and Adolescent Development	3	_____

**ADMISSION TO TEACHER EDUCATION PROGRAM (TEP)**

<b>Cumulative GPA 2.75</b> <b>Clear TB Screening and Background Check</b> <b>Preparing for Teacher Education Program TEP Coursework</b> <b>Pass MOGEA or ACT Composite Score of 20 or Higher</b>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
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<b><u>TEACHER EDUCATION PROGRAM</u></b>		
<b><u>COURSES</u></b>	<b><u>HRS</u></b>	<b><u>SEMESTER/GRADE</u></b>
TCH ED 3001: Mid-Level Clinical Experience - Diverse Learners	1	____ _
ED PSY 3312: Psychology of Learning, Instruction, & Assessment***	3	____ _
SPEC ED 3318: Inclusive Classroom	3	____ _
TCH ED 3310: Introduction to Methods of Teaching	3	____ _
TCH ED 4391: Literacy for Adolescent Learners in Content Areas	3	____ _
SEC ED 4880: Writing for Teachers	3	____ _
<b><u>Content Area Methods Course</u></b>		
SEC ED 4646: The Curriculum and Methods of Teaching Math	3	____ _
<b><u>PRACTICUM/FIELD EXPERIENCE</u></b>		
SEC ED 4989: Practicum I: Site-Based Experience	3	____ _
SEC ED 4990: Practicum II: Site-Based Experience	12	____ _
<b><u>MATH CONTENT COURSEWORK - 39 CREDIT HOURS</u></b>		
CMP SCI 1250: Introduction to Computing***	3	____ _
MATH 1320: Introduction to Probability and Statistics***	3	____ _
MATH 1800: Analytical Geometry and Calculus I***	5	____ _
MATH 1900: Analytical Geometry and Calculus II***	5	____ _
MATH 2000: Analytical Geometry and Calculus III***	5	____ _
MATH 2020: Introduction to Differential Equations***	3	____ _
MATH 2450: Elementary Linear Algebra***	3	____ _
MATH 3000: Discrete Structures***	3	____ _
MATH 4100: Real Analysis I***	3	____ _
MATH 4400: Introduction to Abstract Algebra*** (Fall only)	3	____ _
MATH 4660: Foundations of Geometry*** (Fall only)	3	____ _

**For Degree Completion:** Students must have a 2.75 Cumulative GPA, 3.0 Professional GPA, 3.0 Content GPA, pass MEES, and have all required coursework completed to receive the B.S. Ed. degree.

**For Teacher Certification:** Students must pass the relevant Content Assessment (MOCA) in order to be recommended and awarded by DESE

*I acknowledge that my advisor and I completely and thoroughly reviewed the information contained herein and I understand all of the degree requirements specified for this degree program. I also acknowledge requirements by the Department of Elementary and Secondary Education (DESE) and understand these requirements can change at any time.*

STUDENT'S SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

ADVISOR'S SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_