

## 250 Department of Science and Mathematics

### BACHELOR OF ARTS IN EDUCATION MATHEMATICS (5-ADULT)

Candidates may wish to combine this specialization with another (5-9), (9-Adult), (5-Adult) or (PreK-Adult) specialization.

#### **General Education Requirements** **43 hours**

Candidates must take MATH 110 as part of the general education requirements.

#### **Content Specialization Courses** **42 hours**

MATH 105	Quantitative Reasoning	3
MATH 110	The Nature of Math	
MATH 120*	Precalculus	4
MATH 202	Calculus I	4
MATH 207	Calculus II	4
MATH 230	Euclidean Geometry for College Students	3
MATH 256	Probability and Statistics I	3
MATH 303	Modern Algebra	3
MATH 308	Calculus III	4
MATH 310	College Geometry	3
MATH 315	Linear Algebra	3
MATH 321	History of Mathematics	2
MATH 330	Discrete Mathematics	3
MATH 356	Probability and Statistics II	3

\*MATH 102 may be required as a prerequisite for MATH 120 if candidates do not have a Math ACT of 24.

#### **Electives** **8 hours**

#### **Professional Education** **23 hours**

Must complete a Methods course for each specialization in which candidate seeks to gain licensure.

CSCI 267	Computer Skills for Education	2
EDUC 203	Foundations of Education	2
EDUC 205	Educational Psychology*	3
EDUC 310	Classroom Management and Teaching Strategies	2
EDUC 343	Teaching Mathematics in Middle and Adolescent Education (5-Adult)	3

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EDUC 412	Curriculum and Assessment: Content (5-Adult)	2	
READ 317	Teaching Reading in Middle and Adolescent Education	3	
SPED 220	Educating the Student with Exceptional and Cultural Diversities	3	
SPED 334	Strategies for Students with Learning Disabilities and Behavior Disorders	3	
<b>Student Internship</b>			<b>12 hours</b>
EDUC 493	Capstone Assessment	1	
EDUC	Student Internship	11	
<b>Total minimum hours required for degree</b>			<b>128 hours</b>

Education 203 and Education 205 are the only Professional Education courses which can be attempted without being admitted to a Program in Teacher Education.

\*Before enrolling in Education 205, a student must have attempted PRAXIS I or be exempt from this requirement due to ACT or SAT score.

**GATEWAY ASSESSMENT - ADMISSION TO TEACHER EDUCATION**

**CAPSTONE ASSESSMENT - EDUCATION 493**