

# BACHELOR OF ARTS IN EDUCATION PROGRAM LEADING TO PA CERTIFICATION

## 4th-8th GRADE (MATH)

### *2021-2022 Degree Requirements*

Name: \_\_\_\_\_

ID Number: \_\_\_\_\_

**TOTAL CREDITS FOR DEGREE: 126**

#### UNIVERSITY CORE CURRICULUM: 42 credits

##### **Required Fundamental Courses:**

COMM 101	Oral Comm. & Pres.	3 credits	
ENGL 101	College Composition	3 credits	
UNIV 101	City-University Life	3 credits	
Senior Capstone	<b>EDUC 432</b>	3 credits	(Student Teaching Seminar)

##### **Choose Thematic Core courses in the following:**

Explore the World - Choice 1	<b>GCS 175</b>	3 credits	(Intro to Global Cultural Studies)
Explore the World - Choice 2	<b>POLS 205</b>	3 credits	(World Geography)
Investigate Science	<b>NSET 110</b>	3 credits	(Intro to Physical and Space Science)
Investigate Mathematics	<b>MATH 150</b>	3 credits	(Mathematical Problem Solving)
Interpret Creative Works	<b>EDUC 252</b>	3 credits	(Children's Literature)
Understand People - Choice 1	<b>EDUC 220</b>	3 credits	(Family & Community Diversity)
Understand People - Choice 2	<b>EDUC 228</b>	3 credits	(Educational Psychology)
Succeed in Business	<b>ECON 202</b>	3 credits	(Microeconomics)
Appreciate & Apply the Arts	<b>EDUC 251</b>	3 credits	(Arts and Music in Teaching)
Discover Technology	<b>EDUC 101</b>	3 credits	(Technological Literacy)

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#### MAJOR REQUIREMENTS: 84 cr.

MATH 155 General Math (3)  
MATH 165 Basic Algebra (3)  
MATH 175 Elementary Statistics (3)  
MATH 180 College Algebra (3)  
MATH 185 Trigonometry (2)  
MATH 190 Calculus I (4)  
ENGL 250,251,252,253,254, or 255 (3)  
HIST 203 History of U.S. I (3)  
POLS 102 Amer Natl Govt (3)  
PSYC 309 Child 5-14 (3)  
NSET 111 Intro to Life Sciences (3)  
NSET 160 Env Sci **OR** ESCI 105 Fu of Earth Sci (3)  
EDUC 150 Intro to Teaching Profession (3)  
EDUC 222 Assessment & Adaptation (3)  
EDUC 250 Working w/ English Lang Learners (3)  
EDUC 308 Teaching Social Sciences (3)  
EDUC 310 Teaching Science & Health (3)  
EDUC 315 Methods of Mathematics II (3)

EDUC 321 Lit & Learn in Midd/Sec (3)  
EDUC 415 Teaching in Midd/Sec (3)  
EDUC 422 Data Driven Instruction (3)  
EDUC 425 Student Teaching Pract (12)  
SPED 180 Special Ed&Inclusive Prac (3)  
SPED 280 Positive Behav Inter&Sup (3)  
SPED 380 Diff Inst Pract Incl Cllsrm (3)

#### TESTS FOR CERTIFICATION:

PECT-PAPA: Reading, Math, Writing (8001, 8002, 8003) **OR**  
ETS-CORE: Reading, Writing, Math (5713, 5733, 5723)  
ETS-PRAXIS-PA Gr 4-8 Core Assess (5152) Subtests: 5153, 5154, 5155  
ETS-PRAXIS-Subject Concentration-Mathematics (5158)

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#### **PROGRAM OBJECTIVES**

**Upon successful completion of this program, a student will be able to:**

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional context.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior, and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.