

BACHELOR OF ARTS IN EDUCATION PROGRAM LEADING TO PA CERTIFICATION

4th-8th GRADE (MATH)

2025-2026 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	EDUC 432	3 credits	(Student Teaching Seminar)

Choose Thematic Core courses in the following:

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

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)
NSET 111 Intro to Life Sciences (3)
NSET 160 Environmental Science (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 Studies (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 Secondary (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 Clssrm (3)

GENERAL ELECTIVE: 3 cr.

TESTS FOR CERTIFICATION:

Check PDE Test Requirements:

<https://www.pa.gov/agencies/education/programs-and-services/educators/certification/certification-testing.html>

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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 process.
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*.