

BACHELOR OF ARTS IN EDUCATION PROGRAM LEADING TO PA CERTIFICATION

4th-8th GRADE (SCIENCE)

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	CHEM 101	3 credits	(General Chemistry I)
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.

CHEM 103 Chemistry Lab I (1)
PHYS 101 Physics I (3)
PHYS 103 Physics Lab I (1)
BIOL 101 General Biology I (3)
BIOL 102 General Biology II (3)
BIOL 103 General Biology Lab I (1)
ENGL 250, 251, 252, 253, 254, or 255 (3)
HIST 203 History of U.S. I (3)
POLS 102 Amer Natl Govt (3)
MATH 155 General Math (3)
MATH 165 Basic Algebra (3)
MATH 175 Elementary Statistics (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 Clsrm (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*.