BACHELOR OF ARTS IN EDUCATION PROGRAM LEADING TO PA CERTIFICATION
4th-8th GRADE (MATH)
2024-2025 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 GCS 175 Intro to Global Cultural Studies 3 credits
- Explore the World - Choice 2 POLS 205 World Geography 3 credits
- Investigate Science NSET 110 Intro to Physical and Space Science 3 credits
- Investigate Mathematics MATH 150 Mathematical Problem Solving 3 credits
- Interpret Creative Works EDUC 252 Children’s Literature 3 credits
- Understand People - Choice 1 EDUC 220 Family & Community Diversity 3 credits
- Understand People - Choice 2 EDUC 228 Educational Psychology 3 credits
- Succeed in Business ECON 202 Microeconomics 3 credits
- Appreciate & Apply the Arts EDUC 251 Arts and Music in Teaching 3 credits
- Discover Technology EDUC 101 Technological Literacy 3 credits

**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 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 Pract (3)
- SPED 280 Positive Behav Inter&Sup (3)
- SPED 380 Diff Inst Pract Incl Clssrm (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)
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.