

**BACHELOR OF ARTS IN EDUCATION PROGRAM LEADING TO
PA CERTIFICATION 4th – 8th Grade (Science)**

2018-2019 Degree Requirements

TOTAL CREDITS FOR DEGREE: 126

UNIVERSITY CORE CURRICULUM 42 credits

Required Courses:

COMM 101	Oral Comm. & Pres.	3 credits
ENGL 101	College Composition	3 credits
UNIV 101	City-University Life	3 credits
	Senior Capstone	3 credits

Choose thematic core courses in the following:

Explore the World - Choice 1	3 credits
Explore the World - Choice 2	3 credits
Investigate Science	3 credits
Investigate Mathematics	3 credits
Interpret Creative Works	3 credits
Understand People - Choice 1	3 credits
Understand People - Choice 2	3 credits
Succeed in Business	3 credits
Appreciate & Apply the Arts	3 credits
Discover Technology	3 credits

MAJOR REQUIREMENTS:

84 credits

(C = taken in the Core)

NSET 160	Environmental Science	OR		EDUC 101	Tech. Literacy (Discover Technology)	C
ESCI 105	Fund. of Earth Science		3	EDUC 150	Intro to Teaching Profession	3
CHEM 101	General Chemistry I (Investigate Science)		C	EDUC 220	Family & Comm. Div. (Understand People)	C
CHEM 103	Chemistry Lab I		1	EDUC 222	Assessment & Adaptation	3
PHYS 101	Physics I		3	EDUC 228	Educational Psych. (Understand People)	C
PHYS 103	Physics Lab I		1	EDUC 250	Working w/ English Lang. Learners	3
BIOL 101	General Biology I		3	EDUC 251	Arts/Music in Teaching (Apprec/Apply Arts)	C
BIOL 102	General Biology II		3	EDUC 252	Children’s Literature (Interpret Creative Works)	C
BIOL 103	General Biology Lab I		1	EDUC 308	Teaching Social Studies	3
ECON 202	Microeconomics (Succeed in Business)		C	EDUC 310	Teaching Science & Health	3
ENGL 250	OR 251 OR 252 OR 253 OR 254 OR 255		3	EDUC 315	Methods of Mathematics II	3
GCS 175	Intro Glob Cult Studies (Explore the World)		C	EDUC 321	Literacy & Learning in Middle/Sec.	3
HIST 203	History of U.S. I		3	EDUC 415	Teaching in Middle/Secondary School	3
POLS 102	American National Gov’t		3	EDUC 422	Data Driven Instruction	3
POLS 205	World Geography (Explore the World)		C	EDUC 425	Student Teaching Practicum	12
PSYC 309	The Child 5-14		3	EDUC 432	Student Teaching Sem. (Senior Capstone)	C
MATH 150	Mathematical Problem Solving		C	SPED 180	Special Ed & Inclusive Practices	3
MATH 155	General Math		3	SPED 280	Posit. Behav. Interventions & Support	3
MATH 165	Basic Algebra		3	SPED 380	Different. Inst. Pract. in Incl. Classrm	3
MATH 175	Elementary Statistics		3			

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TESTS FOR CERTIFICATION:

PECT- PAPA: Reading, Math, Writing (8001, 8002, 8003) **OR** ETS- CORE: Reading, Writing, Math (5712, 5722, 5732)
ETS- PRAXIS- PA Grades 4-8 Core Assessment (5152) Subtests: 5153, 5154, 5155
ETS- PRAXIS- Subject Concentration – Science (5159)

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*.