

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

**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)**

MATH 150	Math. Problem Solving (Investigate Math.)	<b>C</b>	EDUC 101	Tech. Literacy (Discover Technology)	<b>C</b>
MATH 155	General Math	3	EDUC 150	Intro to Teaching Profession	3
MATH 165	Basic Algebra	3	EDUC 220	Family & Comm. Div. (Understand People)	<b>C</b>
MATH 175	Elementary Statistics	3	EDUC 222	Assessment & Adaptation	3
MATH 180	College Algebra	3	EDUC 228	Educational Psych. (Understand People)	<b>C</b>
MATH 185	Trigonometry	2	EDUC 250	Working w/ English Lang. Learners	3
MATH 190	Calculus I	4	EDUC 251	Arts/Music in Teaching (Apprec/Apply Arts)	<b>C</b>
ECON 202	Microeconomics (Succeed in Business)	<b>C</b>	EDUC 252	Children's Literature (Interpret Creative Works)	<b>C</b>
ENGL 250	<b>OR 251 OR 252 OR 253 OR 254 OR 255</b>	3	EDUC 308	Teaching Social Studies	3
GCS 175	Intro Glob Cult Studies (Explore the World)	<b>C</b>	EDUC 310	Teaching Science & Health	3
HIST 203	History of U.S. I	3	EDUC 315	Methods of Mathematics II	3
POLS 102	American National Gov't	3	EDUC 321	Literacy & Learning in Middle/Second	3
POLS 205	World Geography (Explore the World)	<b>C</b>	EDUC 415	Teaching in Middle/Secondary School	3
PSYC 309	The Child 5-14	3	EDUC 422	Data Driven Instruction	3
NSET 110	Intro to Natural Sci. I (Investigate Science)	<b>C</b>	EDUC 425	Student Teaching Practicum	12
NSET 111	Intro to Natural Sciences II	3	EDUC 432	Student Teaching Semin. (Senior Capstone)	<b>C</b>
NSET 160	Environmental Science <b>OR</b>		SPED 180	Special Ed & Inclusive Practices	3
ESCI 105	Fund. of Earth Science	3	SPED 280	Posit. Behav. Interventions & Support	3
			SPED 380	Different. Inst. Pract. in Incl. Classrm	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 – 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*.