## BACHELOR OF ARTS IN EDUCATION

### PROGRAM LEADING TO DUAL CERTIFICATION

#### 4-8 Grade (Math)

#### SPECIAL EDUCATION (PreK-8)

**FIRST TIME/FULL TIME FRESHMEN**

2014-2015

Student's Name: ____________________________

Student's I.D. Number: ____________________________

Entrance Date: ____________________________

Advisor's Name: ____________________________

### Tests for Certification:

- PECT- PAPA: Reading, Math, Writing (8001, 8002, 8003)
- PRAXIS- PA Grades 4-8 Core Assessment (5152) Subtests: 5153, 5154, 5155
- PRAXIS- Subject Concentration – Mathematics (5158)
- PECT- Special Education PreK-8 (8011, 8012)

### THEMATIC CORE COURSES (42) 33

1. Explore the World - Choice 1 3
2. Explore the World - Choice 2 3
3. Investigate Science 3
4. Investigate Mathematics 3
5. Become a Storyteller 3
6. Understand People - Choice 1 3
7. Understand People - Choice 2 3
8. Succeed in Business 3
9. Appreciate & Apply the Arts 3
10. Discover Technology 3
11. Capstone 3

### CORE

- COMM 101 Oral Communication & Present. 3
- ENGL 101 College Composition 3
- UNIV 101 City-University Life 3

* Math course level dependent on results of placement exam.

** One Writing Intensive course in addition to ENGL 101 is required for graduation.

### DEPARTMENT GENERAL REQUIREMENTS 39

#### Human Sciences (3)

- PSYC 309 The Child 5-14 3

#### Mathematics (18)

- MATH 180 College Algebra 3
- MATH 185 Trigonometry 2
- MATH 190 Calculus I 4
- MATH 220 Discrete Mathematics 3
- MATH 230 Linear Algebra I 3
- MATH 410 Geometry Applications 3

#### Math Requirements (9)

- MATH 150 Mathematical Experience 3
- MATH 155 General Mathematics 3
- MATH 165 Basic Algebra 3
- MATH 175 Elementary Statistics 3

### English Requirements (12)

- ENGL 150 English Composition I 3
- ENGL 151 English Composition II 3
- ENGL 250 World Literature I 3
- ENGL 251 World Literature II 3

### Science Requirements (6)

- NSET 110 Intro Natural Sciences I 3
- NSET 111 Intro Natural Sciences II 3
- BIOL 101 General Biology I \( OR \) 3
- BIOL 102 General Biology II 3
- ESCI 105 Fundamentals of Earth Sciences 3

### Social Studies Requirements (3)

- HIST 150 Intro Study to History 3
- HIST 203 History of U.S. I 3
- POLS 102 American National Gov't 3
- SOC 111 World Cultures 3

* Completed within the Core

### DEPARTMENT MAJOR REQUIREMENTS 57

#### Education (2)

- EDUC 222 Assessment and Adaptations 3
- EDUC 228 Educational Psychology 3
- EDUC 250 Working with English Language Learners 3
- EDUC 312 Teaching Mathematics/Science 3
- EDUC 313 Teaching Language Arts/Social Studies 3
- EDUC 323 Adolescent Development in Multicultural Educational Environments 3
- EDUC 422 Data Driven Instruction 3
- EDUC 425 Student Teaching Practicum 12

### Special Education Requirements (24)

- SPED 180 Special Education & Inclusive Practices 3
- SPED 220 Instructional/Assistive Technology 3
- SPED 280 Positive Behavior Interventions 3
- SPED 281 High Incidence Disability 3
- SPED 282 Low Incidence Disability 3
- SPED 380 Differentiated Instructional Practices in the Inclusive Classroom 3
- SPED 382 Autism Spectrum Disorder 3
- SPED 481 Intensive Reading/Writing/Math 3
- SPED 482 Effective Instruction Practices - Special Ed 3

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**MINIMUM CREDITS FOR B.A. DEGREE** 138
Program Objectives

B.A. Program Leading to PA Certification in 4th - 8th Grade (Math)
Special Education (Pre-K - 8)

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.

4th - 8th Grade (Math) and Special Education (Pre-K - 8) Course Sequence

**Freshman Year Semester 1** (15 cr.)
- ENGL 150 English Composition I
- COPA 250 Arts & Human Experience I
- MATH 150 Mathematical Experience
- PSYC 150 Psychological Foundations
- SOC 111 World Cultures

**Freshman Year Semester 2** (18 cr.)
- HIST 150 Introduction Study of History
- ENGL 151 English Composition II
- MATH 155 General Mathematics
- EDUC 228 Educational Psychology
- HIST 203 US History I
- SPED 180 Special Education and Inclusion

**Sophomore Year Semester 1** (18 cr.)
- ENGL 250 World Literature I
- MATH 165 Basic Algebra
- MATH 175 Elementary Statistics
- PSYC 309 The Child 5-14
- SPED 280 Positive Behavioral Interventions
- SPED 281 High Incidence Disability

**Sophomore Year Semester 2** (18 cr.)
- ESCI 105 Fundamentals of Earth Science
- MATH 180 College Algebra
- POLS 102 American National Government
- SPED 220 Instructional/Assistive Technology
- SPED 282 Low Incidence Disability
- EDUC 222 Assessment and Adaptations

***Application to Department to Be Completed***

**Junior Year Semester I** (18 cr.)
- NSET 110 Introduction Natural Sciences I
- EDUC 251 Music & Art in Teaching
- MATH 185 Trigonometry
- MATH 190 Calculus I
- EDUC 250 Working with English Language
- SPED 380 Differentiated Instructional Practices in the Inclusive Classroom

**Junior Year Semester 2** (18 cr.)
- NSET 111 Introduction Natural Sciences II
- MATH 220 Discrete Mathematics
- MATH 230 Linear Algebra I
- EDUC 323 Adolescent Development/Multicultural Educational Environments
- EDUC 313 Methods of Language Arts/Social Studies
- SPED 481 Intensive Reading/Writing/Mathematics

**Senior Year Semester 1** (18 cr.)
- MATH 410 Geometry Applications
- BIOL 101 General Biology I
- EDUC 312 Teaching Mathematics/Sciences
- EDUC 422 Data Driven Instruction
- SPED 382 Autism Spectrum Disorder
- SPED 482 Effective Instructional Practice for Special Education

**Senior Year Semester 2** (15 cr.)
- EDUC 425 Student Teaching Practicum
- ENGL 251 World Literature II