# Bachelor of Arts in Education Program Leading to PA Certification 4th – 8th Grade (Science)

## 2017-2018 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NSET 120</td>
<td>Environmental Science OR</td>
<td></td>
<td>EDUC 101</td>
<td>Tech. Literacy (Discover Technology)</td>
<td>C</td>
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<tr>
<td>ESCI 105</td>
<td>Fund. of Earth Science</td>
<td></td>
<td>EDUC 150</td>
<td>Intro to Teaching Profession</td>
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<tr>
<td>CHEM 101</td>
<td>General Chemistry I (Investigate Science)</td>
<td>C</td>
<td>EDUC 220</td>
<td>Family &amp; Comm. Div. (Understand People)</td>
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<tr>
<td>CHEM 103</td>
<td>Chemistry Lab I</td>
<td>1</td>
<td>EDUC 222</td>
<td>Assessment &amp; Adaptation</td>
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<tr>
<td>PHYS 101</td>
<td>Physics I</td>
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<td>EDUC 228</td>
<td>Educational Psych. (Understand People)</td>
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<tr>
<td>PHYS 103</td>
<td>Physics Lab I</td>
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<td>EDUC 250</td>
<td>Working w/ English Lang. Learners</td>
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<tr>
<td>BIOL 101</td>
<td>General Biology I</td>
<td>3</td>
<td>EDUC 251</td>
<td>Arts/Music in Teaching (Apprec/Apply Arts)</td>
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<td>BIOL 102</td>
<td>General Biology II</td>
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<td>EDUC 252</td>
<td>Children’s Literature (Interpret Creative Works)</td>
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<td>BIOL 103</td>
<td>General Biology Lab I</td>
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<td>EDUC 308</td>
<td>Teaching Social Studies</td>
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<tr>
<td>ECON 202</td>
<td>Microeconomics (Succeed in Business)</td>
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<td>EDUC 310</td>
<td>Teaching Science &amp; Health</td>
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<tr>
<td>ENGL 250</td>
<td>OR 251 OR 252 OR 253 OR 254 OR 255</td>
<td>3</td>
<td>EDUC 315</td>
<td>Methods of Mathematics II</td>
<td>3</td>
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<tr>
<td>GCS 175</td>
<td>Intro Glob Cult Studies (Explore the World)</td>
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<td>EDUC 321</td>
<td>Literacy &amp; Learning in Middle/Sec.</td>
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<tr>
<td>HIST 203</td>
<td>History of U.S. I</td>
<td>3</td>
<td>EDUC 415</td>
<td>Teaching in Middle/Secondary School</td>
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<tr>
<td>POLS 102</td>
<td>American National Gov’t</td>
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<td>EDUC 422</td>
<td>Data Driven Instruction</td>
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<td>POLS 205</td>
<td>World Geography (Explore the World)</td>
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<td>EDUC 425</td>
<td>Student Teaching Practicum</td>
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<td>PSYC 309</td>
<td>The Child 5-14</td>
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<td>EDUC 432</td>
<td>Student Teaching Sem. (Senior Capstone)</td>
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<tr>
<td>MATH 150</td>
<td>Math Experience (Investigate Math.)</td>
<td>C</td>
<td>SPED 180</td>
<td>Special Ed &amp; Inclusive Practices</td>
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<tr>
<td>MATH 155</td>
<td>General Math</td>
<td>3</td>
<td>SPED 280</td>
<td>Posit. Behav. Interventions &amp; Support</td>
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<tr>
<td>MATH 165</td>
<td>Basic Algebra</td>
<td>3</td>
<td>SPED 380</td>
<td>Different. Inst. Pract. in Incl. Classrm</td>
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<tr>
<td>MATH 175</td>
<td>Elementary Statistics</td>
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</tbody>
</table>

04/04/2016
BACHELOR OF ARTS IN EDUCATION PROGRAM LEADING TO
PA CERTIFICATION 4th – 8th Grade (Science)

2017-2018 Degree Requirements

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.