Elementary and Kindergarten Education, B.S. (Altoona)

Begin Campus: Any Penn State Campus

End Campus: Altoona

Degree Requirements

For the Bachelor of Science degree in Elementary and Kindergarten Education, a minimum of 129.5 credits is required for the Early Childhood Teaching Option and a minimum of 122 credits is required for the Elementary Education Teaching Option:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education</td>
<td>45</td>
</tr>
<tr>
<td>Electives</td>
<td>0-3</td>
</tr>
<tr>
<td>Requirements for the Major</td>
<td>101-117</td>
</tr>
</tbody>
</table>

27-30 of the 45 credits for General Education are included in the Requirements for the Major. This includes: 6 credits of GS, 6 credits of GQ, 6 credits of GH, and 9 credits of GN courses for both options. The Early Childhood Teaching option permits 3 credits of GHW.

See also Teacher Education Programs (https://ed.psu.edu/academics/teacher-testing-certification/).

General Education

Connecting career and curiosity, the General Education curriculum provides the opportunity for students to acquire transferable skills necessary to be successful in the future and to thrive while living in interconnected contexts. General Education aids students in developing intellectual curiosity, a strengthened ability to think, and a deeper sense of aesthetic appreciation. These are requirements for all baccalaureate students and are often partially incorporated into the requirements of a program. For additional information, see the General Education Requirements (https://bulletins.psu.edu/undergraduate/general-education/baccalaureate-degree-general-education-program/) section of the Bulletin and consult your academic adviser.

The keystone symbol appears next to the title of any course that is designated as a General Education course. Program requirements may also satisfy General Education requirements and vary for each program.

Foundations (grade of C or better is required.)

- Quantification (GQ): 6 credits
- Writing and Speaking (GWS): 9 credits

Knowledge Domains

- Arts (GA): 6 credits
- Health and Wellness (GHW): 3 credits
- Humanities (GH): 6 credits
- Social and Behavioral Sciences (GS): 6 credits
- Natural Sciences (GN): 9 credits

Integrative Studies (may also complete a Knowledge Domain requirement)

- Inter-Domain or Approved Linked Courses: 6 credits

University Degree Requirements

First Year Engagement

All students enrolled in a college or the Division of Undergraduate Studies at University Park, and the World Campus are required to take 1 to 3 credits of the First-Year Seminar, as specified by their college First-Year Engagement Plan.

Other Penn State colleges and campuses may require the First-Year Seminar; colleges and campuses that do not require a First-Year Seminar provide students with a first-year engagement experience.

First-year baccalaureate students entering Penn State should consult their academic adviser for these requirements.

Cultures Requirement

6 credits are required and may satisfy other requirements

- United States Cultures: 3 credits
- International Cultures: 3 credits

Writing Across the Curriculum

3 credits required from the college of graduation and likely prescribed as part of major requirements.

Total Minimum Credits

A minimum of 120 degree credits must be earned for a baccalaureate degree. The requirements for some programs may exceed 120 credits. Students should consult with their college or department adviser for information on specific credit requirements.

Quality of Work

Candidates must complete the degree requirements for their major and earn at least a 2.00 grade-point average for all courses completed within their degree program.

Limitations on Source and Time for Credit Acquisition

The college dean or campus chancellor and program faculty may require up to 24 credits of course work in the major to be taken at the location or in the college or program where the degree is earned. Credit used toward degree programs may need to be earned from a particular source or within time constraints (see Senate Policy 83-80 (http://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#83-80)). For more information, check the Suggested Academic Plan for your intended program.

Requirements for the Major

A grade of C or better per course is required for teacher certification.

Common Requirements for the Major (All Options)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AED 303</td>
<td>The Visual Arts in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>CI 295</td>
<td>Introductory Field Experience for Teacher Preparation</td>
<td>2</td>
</tr>
<tr>
<td>CI 495B</td>
<td>Clinical Application of Instruction - Middle Level</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Education</td>
<td></td>
</tr>
<tr>
<td>CI 495D</td>
<td>Practicum in Student Teaching--Childhood and Early</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Adolescent Education</td>
<td></td>
</tr>
<tr>
<td>CI 495F</td>
<td>Professional Development Practicum</td>
<td>3</td>
</tr>
<tr>
<td>EDPSY 14</td>
<td>Learning and Instruction</td>
<td>3</td>
</tr>
</tbody>
</table>

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ENGL 100  English Language Analysis  3  
KINES 126  The Health Program for the Elementary School Child  1.5  
LLED 400  Teaching Reading in the Elementary School  3  
LLED 401  Teaching Language arts in Elementary School  3  
LLED 402  Teaching Children's Literature  3  
MATH 200  Problem Solving in Mathematics  3  
MTHED 420  Teaching Mathematics In The Elementary Schools  3  
MUSIC 241  Music for Classroom Teachers  3  
SCIED 458  Teaching Science in the Elementary School  3  
SPLED 400  Inclusive Special Ed Foundations: Legal, Characteristics, Collaboration, Assessment, and Management  3  
SSED 430W  Teaching Social Studies in the Elementary Grades  3  

Additional Courses  
Additional Courses: Require a grade of C or better for teacher certification  
EDTHP 115  Education in American Society  3  
or EDTHP 115A Competing Rights: Issues in American Education  3  
HIST 20  American Civilization to 1877  3  
or HIST 21  American Civilization Since 1877  3  
Select one of the following:  3-4  
EDPSY 101  Analysis and Interpretation of Statistical Data in Education  
STAT 100  Statistical Concepts and Reasoning  
STAT 200  Elementary Statistics  
Select one of the following:  3  
ECON 14  Principles of Economics  
ECON 102  Introductory Microeconomic Analysis and Policy  
ECON 104  Introductory Macroeconomic Analysis and Policy  
Select one of the following:  3  
GEOG 20  Human Geography: An Introduction  
GEOG 30N  Environment and Society in a Changing World  
GEOG 122  The American Scene  
GEOG 123  Geography of Developing World  
GEOG 124  Elements of Cultural Geography  
GEOG 126  Economic Geography  
GEOG 128  Geography of International Affairs  
GEOG 320  Urban Geography: A Global Perspective  

Supporting Courses and Related Areas  
Supporting Courses and Related Areas: Require a grade of C or better for teacher certification  
Select 3 credits in literature GH  3  
Select 9 credits: 3 credits each (including one course with a lab) from the following GN biological science, earth science, and physical science  9  

Requirements for the Option  
Requirements for the Option: Require a grade of C or better for teacher certification  
Select an option  16.5-30  

Requirements for the Option  
Early Childhood Teaching Option (27-30 credits)  
Available at the following campuses: Altoona, Berks, University Park  

Code  Title  Credits  
Prescribed Courses  
CI 495A  Clinical Application of Instruction - PK-4  1  
ECE 451  Instruction in Early Childhood Education Derived from Development Theories  3  
ECE 452  3  
ECE 453  parent Involvement in Home, Center, and Classroom Instruction  2  
ECE 454  Development and Administration of Child Service Programs  3  
ECE 479  The Young Child's Play as Educative Processes  3  

Additional Courses  
HDFS 315  Family Development  3  
or SOC 30  Sociology of the Family  3  
HDFS 428  Infant Development  3  
or HDFS 429  Advanced Child Development  3  
HPA 101  Introduction to Health Services Organization  3  
or NUTR 251  Introductory Principles of Nutrition  3  
PSYCH 100  Introductory Psychology  3  
& PSYCH 212  and Introduction to Developmental Psychology  3  
or HDFS 229  Infant and Child Development  3  

Elementary Education Teaching Option (16.5-19.5 credits)  
Available at the following campuses: Altoona, Berks, University Park  

Code  Title  Credits  
Prescribed Courses  
KINES 127  The Physical Education Program for the Elementary School Child  1.5  

Additional Courses  
Select one of the following:  3-6  
EDPSY 10  Individual Differences and Education  
HDFS 229  Infant and Child Development  
PSYCH 100  Introductory Psychology  
& PSYCH 212  and Introduction to Developmental Psychology  

Supporting Courses and Related Areas  
Select 3 credits in MATH or MTHED  3  
Select 6 credits of the following:  6  
EDTHP at the 400 level  
ECE at the 400 level  
SPLED at the 400 level  
EDLDR 405  Strategies in Classroom Management  
EDLDR 497  Special Topics  
LLED 497  Special Topics  
Select 3 credits in U.S. History  3