ALL STUDENTS INTERESTED IN STUDIES IN EDUCATION

Students can earn a Bachelor of Science degree in Education (BSED) in Early Childhood Education (Pre-K-4), a Bachelor of Arts (B.A.) in Education, or certification to teach a secondary (7-12) or K-12 subject, with a major in that content area.

- If you wish to prepare for certification to teach Early Childhood Education (Pre-K-4), then you should pursue the BSED degree.
- If you do not intend to seek teacher certification, but are considering the study of education as a social science, then you should pursue the B.A. degree in education. Many of our students combine their interests and double major in education along with such subjects as psychology, sociology, and economics.
- If you wish to prepare for certification to teach at the secondary level (grades 7-12), or K-12 level (world language or art) then you should begin your studies for the B.A. or the B.S. in the content area related to your subject area. Sample course sequences for the various areas of teacher preparation are available at the Education department website: bucknell.edu/education.
- No matter which degree program you decide to pursue, it will be necessary for you to fulfill the University's writing requirement and to distribute your courses according to the College of Arts and Science’s College Core Curriculum. These requirements are listed in the Bucknell University catalog.
- If you seek teacher certification, no matter which degree program or content area, it will be necessary for you to earn and maintain a 3.0 grade point average in all courses required for certification and to fulfill all course work designated to meet requirements set by the Commonwealth of Pennsylvania. These requirements are provided in greater detail at the department website, but they include:
  a. One course in English/American Literature in addition to any course taken to meet the University’s W1 composition requirement.
  b. Two course in Mathematics (see department website for options for meeting this requirement).
- If you plan to study abroad during your time at Bucknell, consult with your education advisor as there are some required certification courses that are offered only once per year, or once every other year.
- Teaching certification requires completion of necessary courses, including a semester of student teaching in the senior year, and passing scores on all required basic skills tests, or accepted alternates.
- All certification programs require significant in-school field experiences prior to student teaching. Students must be able to obtain all necessary clearances to work in local schools.

CULTIVATING CRITICAL THINKING AND EQUITY-ORIENTATION

Our aim is to help students develop professional dispositions in critical thinking, ethics, and leadership so that they will be able to help others maximize their opportunities for success in inclusive educational environments. Through our work together, we engage intellect, affect and action, inviting students to consider how to best understand and engage with issues of inequity in education and other social institutions.

FOSTERING ENGAGED LEARNING AND APPLIED KNOWLEDGE

Our programs are designed to enhance students’ ability to apply their understanding of the social dynamics of education, theories of human development, learning, instruction, and behavior to a multitude of professional contexts. Well-embedded in the curricular commitments of the university and reflective of the diversity of faculty expertise within the department, we facilitate our students’ engagement in a variety of high impact educational practices, including writing-intensive courses, undergraduate research, ePortfolios, service and community-based learning, and internships, including student teaching.

EDUCATION CERTIFICATION PROGRAMS

MISSION: Education at Bucknell empowers students to be critical thinkers and creative intellectual leaders in education and human services related fields. Including both disciplinary knowledge and professional preparation, our programs encourage students to explore issues of equity and justice rooted in the historical, philosophical, sociological, and psychological dimensions of education. Coursework in education thus provides students with opportunities to contribute to the common good as they learn about the diverse social contexts of education. Such experiences foster the personal development of our students, as well as those with whom they will ultimately work.

CERTIFICATION AREAS

Early Childhood Education (Pre-K-4)
- English
- Social Studies
- Math
- Biology
- Chemistry
- Physics

Secondary Education (7-12)
- Music
- Art
- ESL (add-on)

K-12 Certification
- French
- Spanish
- ESL (add-on)

Rich Field Experiences

Future educators need a variety of opportunities to develop competencies and skills through applied practice. Bucknell's Department of Education is committed to providing meaningful field experiences in local schools and educational settings for students in our programs, even during the first year of study. From observation, exploration, and ultimately to the implementation of original lesson and unit plans, our faculty and staff apply coaching strategies to scaffold and support the skills pre-service teachers require in order to meet the needs of diverse learners.
EDUCATION CERTIFICATION PROGRAMS

Early Childhood Education Program (Pre-K-4)
This program combines coursework and field experiences in the following core competency areas: child development and learning; subject matter content and pedagogy; observation, documentation and assessment of student learning; and family and community relationships. Students demonstrate their professionalism and expertise during ongoing field placements and their culminating experience of student teaching.

These are courses required for the major program. Additional courses are required to complete the College Core Curriculum.

Early Childhood Program Configuration

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EDUC 101 Social Foundations</td>
<td>EDUC 102 Education Psychology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EDUC 235 The Creative Process</td>
</tr>
<tr>
<td>2</td>
<td>MATH 203 Introduction to Mathematical Thought</td>
<td>EDUC 321 Disability Studies</td>
</tr>
<tr>
<td></td>
<td>EDUC 333 Education of Young Children</td>
<td>EDUC 344 Science as Inquiry</td>
</tr>
<tr>
<td></td>
<td>EDUC 341 Early Literacy</td>
<td>EDUC 375 Teaching and Learning in Linguistically Diverse Contexts</td>
</tr>
<tr>
<td>3</td>
<td>Abroad, if desired. We encourage our students to take advantage of this opportunity. Additional opportunity to take ESL courses for pursuing additional certification.</td>
<td>Junior Block</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MATH 204 Elementary Geometry/Statistics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EDUC 311 Assessment and Differentation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EDUC 324 Explicit Instruction</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EDUC 375 Reading, Self, Community and the World</td>
</tr>
<tr>
<td>4</td>
<td>EDUC 349 Elementary Student Teaching (3 Credits)</td>
<td>EDUC 347 Family, School, and Community Partnerships</td>
</tr>
<tr>
<td></td>
<td>EDUC 449 Professional Seminar (W-2)</td>
<td>EDUC 306 Classroom Management</td>
</tr>
</tbody>
</table>

Provisions:
Students should enroll in the major/certification as soon as possible. Enrolling after the first year may be possible if students do so before the start of their second academic year.

Questions about our elementary program can be answered by Professors Lori Smolleck at lsmollec@bucknell.edu; Sarah MacKenzie-Dawson at skm011@bucknell.edu; Janet VanLone at janet.vanlone@bucknell.edu or Ellen Amarante at ellen.amarante@bucknell.edu.

Secondary/K-12 Education Certification Programs
Secondary/K-12 education certification programs are based on a major in the desired content area. Students must plan to take the equivalent of one course per semester in education, and to spend one semester in the senior year in student teaching. Additional courses will be required to complete the College Core Curriculum.

Secondary Certification (7-12)
- Biology
- Chemistry
- English
- General Science (major and first certification in biology, chemistry, earth and space science, or physics)
- Mathematics
- Physics
- Social Studies (major in anthropology, economics, geography, history, political science, psychology or sociology)

K-12 Certification
- Art
- French
- Spanish
- Music (please contact professor Nicholas Roseth, ner008@bucknell.edu for information about music certification)

Secondary/K-12 Certification Configuration

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EDUC 101 Social Foundations</td>
<td>EDUC 102 Educational Psychology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EDUC 235 The Creative Process</td>
</tr>
<tr>
<td>2</td>
<td>EDUC 334/335 Child/Adolescent Development</td>
<td>EDUC 311 Assessment and Differentation</td>
</tr>
<tr>
<td></td>
<td>EDUC 334/335 Child/Adolescent Development</td>
<td>EDUC 344 Science as Inquiry</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EDUC 375 Teaching and Learning in Linguistically Diverse Contexts</td>
</tr>
<tr>
<td>3</td>
<td>Abroad or EDUC 334/335 and/or EDUC 340 K-12/7-12 Field Experience (½ credit field placement fall or spring)</td>
<td>Abroad or EDUC 311 and/or EDUC 375 and/or EDUC 306 and/or EDUC 340 K-12/7-12 Field Experience (½ credit field placement fall or spring)</td>
</tr>
<tr>
<td>4</td>
<td>Teaching of courses with field placements except for social studies students who must take EDUC 313 Reading, Self, Community and the World in spring of year 3</td>
<td>Secondary Student Teaching and Seminar EDUC 359 (3 courses) and EDUC 459 (W-2)</td>
</tr>
</tbody>
</table>

Do you have general questions or want to talk about our secondary/K-12 program?
Please contact Professor Abe Feuerstein, abe.feuerstein@bucknell.edu; or Ellen Amarante at ellen.amarante@bucknell.edu.

English as a Second Language (ESL) Program Specialist Certification
Students pursuing certification in Pre-K-4 Early Childhood Education, Mathematics, English, or a foreign language may also earn the ESL Program Specialist certification. Upon completion of the coursework, internship, and portfolio requirements, candidates may be recommended to the additional ESL Program Specialist certification to the initial certificate. Students must complete a sequence of courses including: LING 105, EDUC 311, EDUC 318, EDUC 327, EDUC 375, EDUC 376 (a 5 course including a 60 hour internship with a certified ESL teacher).

CONTACT
Please contact Professor Abe Feuerstein, abe.feuerstein@bucknell.edu; or Ellen Amarante at ellen.amarante@bucknell.edu.