Bachelor of Science in Education; Leads to licensure in grades 7-12. This degree program is designed to be completed in 8-9 semesters. Changing majors, academic issues or other unforeseen circumstances may require additional semesters for completion.

**BG PERSPECTIVE (BGP) REQUIREMENTS:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Must complete at least 1 course in each of the following:</td>
<td></td>
</tr>
<tr>
<td>English Composition and Oral Communication</td>
<td></td>
</tr>
<tr>
<td>Quantitative Literacy</td>
<td></td>
</tr>
<tr>
<td>Must complete at least 2 courses in each of the following:</td>
<td></td>
</tr>
<tr>
<td>Humanities and the Arts</td>
<td></td>
</tr>
<tr>
<td>Natural Sciences - at least one Lab Science required</td>
<td></td>
</tr>
<tr>
<td>Social and Behavioral Sciences</td>
<td></td>
</tr>
</tbody>
</table>

Complete total required BGP credit hours by selecting courses from any of the above categories:

- **UNIVERSITY REQUIREMENTS**

  Note: Designated courses in the Humanities and the Arts, and the Social and Behavioral Sciences domains may be used to fulfill both a BGP requirement and one of the following university requirements:

  Cultural Diversity in the U.S.___________________________________________
  International Perspective__________________________

  Composition Requirement:

  ____ WRIT 1120 Research Writing

  Total BGP Credits: Must be at least 36

**CONTENT FOR TEACHING SPECIALTY**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1040 Introduction to Biology ** or BIOL 2050 Concepts in Biology II ** **</td>
<td>4</td>
</tr>
<tr>
<td>GEOI 1010 Earth Science</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1250 or 1350 General Chemistry **</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 2010 College Physics I ** or PHYS 2110 University Physics I **</td>
<td>5</td>
</tr>
<tr>
<td>ASTR 2010 Modern Astronomy</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1150 Introduction to Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

In addition to the 23-24 hours above, TWO dual fields must be completed. See reverse side for additional coursework.

**SELECT ONE**

- Earth Sciences and Chemistry
- Earth Sciences and Physics
- Life Sciences and Chemistry
- Life Sciences and Earth Sciences
- Life Sciences and Physics
- Physical Sciences—Chemistry and Physics

**PROFESSIONAL EDUCATION**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year I: What does it mean to be a teacher?</td>
<td></td>
</tr>
<tr>
<td>____ EDTL 2010 Introduction to Education</td>
<td>3</td>
</tr>
<tr>
<td>____ EDTL 2300 Intro to Educational Technology</td>
<td>2</td>
</tr>
</tbody>
</table>

Take one block each semester.

- **Year II: Who are my students?**

  ____ EDTL 2750 Intro to Teaching Science (Prereq for EDTL 3400)
  ____ HDFS 1930 or PSYC 1010 (prereq for EDFI 3030) | 3 - 4 |

Take one block each semester.

- **Year III: How do I teach so all students can learn?**

  ____ EDTL 3400 Instruction & Differentiation Mid/HS | 3       |
  ____ EDTL 3021 Digital Tech for Middle/HS Teachers | 3       |

Take one block each semester.

- **Year IV - The Professional Year:**

  “Who am I as a teacher?”

  ____ EDTL 4850 Advanced Seminar in the Teaching of Science | 3       |
  ____ EDTL 4970 Student Teaching Internship | 12      |

- **METHODS BLOCK (FALL ONLY)**

  (See eligibility criteria on pg 2.)

  ____ EDTL 4020 Assessment & Evaluation | 3       |
  ____ EDTL 4181 Practicum in Secondary Settings | 3      |
  ____ EDTL 4200 Content Literacy | 3       |
  ____ EDTL 4750 Science Methods | 3       |

- **STUDENT TEACHING** (See eligibility criteria on pg 2.)

  ____ EDTL 4850 Advanced Seminar in the Teaching of Science | 3       |
  ____ EDTL 4970 Student Teaching Internship | 12      |
**LIFE SCIENCE**            18 HRS

- BIOL 2040 Concepts in Biology I  
- BIOL 3430 Botany OR BIOL 4220 Plant Ecology  
- BIOL 3540 Populations and Community Ecology  
- BIOL 4500 Teaching Evolution & Nature of Science  

**CHEMISTRY**           19 HRS

- CHEM 1270 & 1280 General Chemistry & Lab OR  
- CHEM 3060 Organic Chemistry  
- CHEM 3080 & 3090 Basic Biochemistry  
- CHEM 2010 Quantitative Chemical Analysis  

**EARTH SCIENCE**            20 HRS

- ASTR 2120 The Solar System  
- GEOG 1250 Weather/Climate  
- GEOL 1050 Life Through Time  
- GEOL 3060 Rocks and Minerals  
- SEES 3000 Geospatial Science  
- ENV 4150 Investigating the Earth  

**PHYSICS**              18 HRS

- ASTR 2120 The Solar System  
- PHYS 2020 College Physics II or  
- PHYS 2120 University Physics II  
- PHYS 3010 & 3011 Modern Physics & Lab  
- PHYS 3600 Environmental Physics OR  
- PHYS 3500 Musical Acoustics  

**IMPORTANT REMINDERS!**

1. This is a competitive program. Your GPA is critical!
2. Meet with your advisor at least once per semester to ensure you are on track. If you have trouble connecting with your advisor, contact either the Office of Student & Academic Services, 102 Education, or the Program Coordinator.
3. Read course descriptions on the BG homepage under “Academics.” These tell you which courses are prerequisites for subsequent classes, the GPA required, whether the course includes a field experience, etc.
4. Freshman & Sophomore Years:
   a. Prioritize coursework & studying.
   b. Complete 1000 & 2000-level classes, along with major content courses. These are prerequisites for other courses you’ll need.
   c. Ed Psych is a prerequisite for program admission, EDTL 3400, and several upper level classes.
5. You are a pre-major in AYA education until you meet criteria for Program Admission:
   a. 3.0 cumulative GPA
   b. Completion of GSW 1120, Year 1 block courses, EDTL 2020, EDFI 3030, & EDIS 2310 with a “C” or better.
   c. Writing sample
   d. Dispositions check
   e. Possible interview
6. You may apply again later if not admitted.
7. Junior Year: You will need a 3.0 cumulative GPA and 2.8 concentration-area GPAs to enroll in EDTL 3400.
   a. You must also have taken all course prerequisites and completed them with a grade of “C” or better.
8. Senior Year: Both Methods and Student Teaching require 3.0 cumulative and 2.8 concentration-area GPAs. See eligibility requirements at left.
9. Transfer students must complete 15 semester hours at BGSU prior to program admission.