Bachelor of Science in Education; Leads to single field science licensure in grades 7-12 in the one area completed. This degree program is designed to be completed in 4 years. Changing majors, academic issues or other unforeseen circumstances may require additional semesters for completion.

In addition to the 23-24 hours above, ONE single field must be completed. See reverse side for additional coursework.

** Life Sciences Single Field students must take Biology 2050.

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### CONTENT FOR TEACHING SPECIALTY

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1040</td>
<td>Introduction to Biology ## or</td>
<td>4-5</td>
</tr>
<tr>
<td>BIOL 2050</td>
<td>Concepts in Biology II ## **</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 1010</td>
<td>Earth Science</td>
<td>5</td>
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<tr>
<td>CHEM 1250</td>
<td>General Chemistry ##</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 2110</td>
<td>University Physics I ## or</td>
<td>3</td>
</tr>
<tr>
<td>ASTR 2010</td>
<td>Modern Astronomy</td>
<td>3</td>
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<tr>
<td>MATH 1150</td>
<td>Introduction to Statistics</td>
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### PROFESSIONAL EDUCATION

<table>
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<tr>
<th>Course Code</th>
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<th>Hours</th>
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<tbody>
<tr>
<td>EDTL 2010</td>
<td>Introduction to Education @</td>
<td>2</td>
</tr>
<tr>
<td>EDTL 2300</td>
<td>Introduction to Educ. Technology @</td>
<td>2</td>
</tr>
<tr>
<td>EDIS 2310</td>
<td>Teaching Students w/ Exceptionalities @</td>
<td>3</td>
</tr>
<tr>
<td>EDTL 2750</td>
<td>Introduction to the Tchg. of Science @</td>
<td>3</td>
</tr>
<tr>
<td>EDFI 3030</td>
<td>Educational Psychology Applied to Adolescent Development @</td>
<td>3</td>
</tr>
<tr>
<td>EDTL 4180</td>
<td>Practicum in Secondary Schl. Settings @</td>
<td>3</td>
</tr>
<tr>
<td>EDTL 4200</td>
<td>Content Reading @</td>
<td>3</td>
</tr>
<tr>
<td>EDTL 4670</td>
<td>Computer Utilization @</td>
<td>3</td>
</tr>
<tr>
<td>EDTL 4750</td>
<td>Science Methods @</td>
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### Student Teaching (courses taken concurrently)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>EDTL 4850</td>
<td>Adv Seminar in the Tchg. of Science @</td>
<td>3</td>
</tr>
<tr>
<td>EDTL 4970</td>
<td>Student Teaching</td>
<td>12</td>
</tr>
</tbody>
</table>

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### COLLEGE REQUIREMENTS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>COMM 1020</td>
<td>@</td>
<td>3</td>
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### BG PERSPECTIVE REQUIREMENTS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>GSW 1120</td>
<td>@</td>
<td>(GSW 1100/1110)</td>
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</tbody>
</table>

Quantitative Literacy (Group C Recommended)

Elective

Natural Science

Elective

Social and Behavioral Sciences

Elective

Elective

Humanities and Arts

Elective

Cultural Diversity in the United States

Elective

Additional BG Perspective Course

Elective

One BG Perspective course from above is an International Perspective course

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Retention/Full Acceptance, Methods, Student Teaching, and Graduation Requirements are listed on the attached sheet.

For minor requirements in Biology, Chemistry, Physics, or Geology, consult your catalog.

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NOTE

Undergraduate students or degree holders seeking initial licensure must meet all specified requirements, including satisfactory completion of the OAE exams.

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# Can also be used to fulfill elective in BG Perspective.

$ Extensive Prerequisites

@ Grade of "C" or better required.

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Degree Audit Report (DAR) is available on MyBGSU. This is an unofficial record of a student’s progress.
**LIFE SCIENCES** | **32 HRS** | **EARTH SCIENCES** | **30 HRS**
--- | --- | --- | ---
Biol 2040 Concepts in Biology I | 5 | ASTR 2120 The Solar System | 3
Biol 3130 Microbiology or Animal Behavior | 4 | ENVS 4150 Investigating the Earth | 3
Biol 4200 Human Anatomy and Physiology I or II | 4 | GEOL 1050 Life Through Time | 4
Biol 3430 General Botany or Plant Ecology | 4 | GEOL 1060 Climate Change | 4
Biol 3500 General Genetics | 4 | GEOG 1250 Weather/Climate | 3
Biol 3540 Populations and Community Ecology | 3 | GEOL 3060 Rocks and Minerals | 4
Biol 4500 Teaching Evolution & Nature of Science | 3 | GEOL 4930 Field Experience | 6
Chem 1270 & 1280 General Chemistry & Lab or 1370 & 1380 General Chemistry & Lab | 5 | SEES 3000 Geospatial Science | 3

**PHYSICAL SCIENCES: CHEMISTRY** | **32 HRS** | **PHYSICAL SCIENCES: PHYSICS** | **30 HRS**
--- | --- | --- | ---
Chem 1270 & 1280 General Chemistry & Lab or 1370 & 1380 General Chemistry & Lab | 5 | ASTR 2120 The Solar System | 3
Chem 2010 Lab Techniques | 3 | MAT 2320 Calculus & Analytical Geometry | 5
Chem 3060 Organic Chemistry | 4 | MAT 5010 Survey of Material Science | 3
Chem 3080 & 3090 Basic Biochemistry | 4 | Phys 2020 College Physics II or 3120 Thermal Physics and Optics | 5
Chem 3130 Special Topics in Chemistry | 3 | Phys 2120 University Physics II | 5
Chem 3520 Physical Chemistry | 3 | Phys 3010 & 3110 Modern Physics & Lab | 4
Math 2320 Calculus & Analytical Geometry | 5 | Phys 3020 & 3120 Thermal Physics and Optics & Lab | 4
Phys 2020 College Physics II or 3500 Musical Acoustics | 5 | Phys 3600 Environmental Physics | 3
Phys 2120 University Physics II | 5

**THREE IMPORTANT CHECKLISTS**

I. Application for methods and student teaching is made at a sign-up meeting held the second Thursday of each semester for students planning to student teach the following semester. Information is available in Room 101 Education Building.

II. **AYA METHODS ADMISSION REQUIREMENTS**

- Attainment of 60 semester hours
- "C" or better in EDHD 2010
- "C" or better in GSW 1120
- "C" or better in COMM 1020
- "C" or better in EDU 2300
- "C" or better in EDU 2750
- "C" or better in EDFI 3030
- "C" or better in EDFI 3030
- Accumulative GPA of at least 2.8
- Content Specialty GPA of at least 2.8
- Completed 80% of content course requirements.
- Transfer students must complete 15 semester hours at BGSU.
- Evidence of passing score(s) on OAE content licensure exam(s) by July 1 preceding methods.

III. **PREREQUISITES FOR STUDENT TEACHING**

- Completion of 90 semester hours
- Accumulative GPA of at least 2.8
- Content Specialty GPA of at least 2.8
- Completion of the following courses with a grade of "C" or better:
  - EDFI 4020
  - EDTL 4180
  - EDTL 4200
  - EDTL 4750
  - EDTL 4670
- No incompletes in courses that are prerequisites for student teaching
- Successful completion of field and clinical experiences or recommendations from field and clinical supervisors

REMINDEERS:

1. Check prerequisites before registering for classes. For example, EDTL 3400 has an extensive list, including overall & major GPA’s of at least 2.8 and completion of EDTL 2750, EDFI 3030, etc. Plan ahead to ensure completion of prerequisites.
2. PSYC 1010 is a prerequisite to EDFI 3030, a required education course, and can be used as a Social Science elective in BG Perspective; EDFI 4080 is a required education course and can also be used as a Cultural Diversity elective in BG Perspective. It may be taken after methods.
3. Meet with your advisor at least once each year. Names of advisors can be obtained via MyBGSU web page, click on “My Advisor.” If you cannot connect with your advisor, contact Student & Academic Services or the Program Coordinator.
(4) SENIOR YEAR: You must apply for graduation on-line prior to the term deadline; complete an application for licensure during your student teaching semester—you will receive instructions during a required meeting that precedes student teaching.

(5) Complete at least 30 of coursework at BGSU.

(6) Please check your BG account email and AYA Learning Community on MyBGSU regularly for AYA Education Program Announcements and Content Specialization Announcements. You are held accountable and responsible for adhering to rules, deadlines, etc., posted to MyBGSU Learning Community.

(7) Note: For transfer students and degree-holding guests seeking licensure, all applicable course grades and GPA reflected on the degree audit will be calculated for methods and student teaching eligibility and to meet program requirements.