NAME _______________________________  Fall 2015

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.

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

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

### CONTENT FOR TEACHING SPECIALTY 53-58 HRS

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1040 Introduction to Biology ### or</td>
<td></td>
</tr>
<tr>
<td>BIOL 2050 Concepts in Biology II ### **</td>
<td>4-5</td>
</tr>
<tr>
<td>GEOL 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</td>
<td></td>
</tr>
<tr>
<td>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>
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</tbody>
</table>

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

### PROFESSIONAL EDUCATION 52 HRS

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDTL 2010 Introduction to Education @</td>
<td>2</td>
</tr>
<tr>
<td>EDTL 2300 Introduction to Educ. Technology @</td>
<td>2</td>
</tr>
<tr>
<td>EDIS 2310 Teaching Students w/Exceptionalities @</td>
<td>3</td>
</tr>
<tr>
<td>EDTL 2750 Introduction to the Tchg. of Science @</td>
<td>3</td>
</tr>
<tr>
<td>EDFI 3030 Educational Psychology Applied to Adolescent Development @</td>
<td>3</td>
</tr>
<tr>
<td>EDFI 4080 Education in a Pluralistic Society @, ###</td>
<td>3</td>
</tr>
<tr>
<td>EDAS 4090 Organization &amp; Administration @</td>
<td>3</td>
</tr>
</tbody>
</table>

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### Methods Block (courses taken concurrently)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDFI 4020 Assessment and Evaluation @</td>
<td>3</td>
</tr>
<tr>
<td>EDFI 4180 Practicum in Secondary Schl. Settings @</td>
<td>3</td>
</tr>
<tr>
<td>EDFI 4200 Content Reading @</td>
<td>3</td>
</tr>
<tr>
<td>EDFI 4670 Computer Utilization @</td>
<td>3</td>
</tr>
<tr>
<td>EDFI 4750 Science Methods @</td>
<td>3</td>
</tr>
</tbody>
</table>

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### Student Teaching (courses taken concurrently)

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

### COLLEGE REQUIREMENTS 3 HRS

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1020 @</td>
<td></td>
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</tbody>
</table>

### BG PERSPECTIVE REQUIREMENTS

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSW 1120 @ (______ GSW 1100/1110)</td>
<td></td>
</tr>
<tr>
<td>Quantitative Literacy (Group C Recommended)</td>
<td></td>
</tr>
<tr>
<td>Natural Science</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>Social and Behavioral Sciences</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>Humanities and Arts</td>
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<tr>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>Cultural Diversity in the United States</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>Additional BG Perspective Course</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td></td>
</tr>
</tbody>
</table>

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** Extensive Prerequisites
\$ Grade of "C" or better required.

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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.

### NOTE

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

### Degree Audit Report (DAR) is available on MyBGSU. This is an unofficial record of a student’s progress.
**Single Field Areas - Select One Area**

<table>
<thead>
<tr>
<th>LIFE SCIENCES</th>
<th>32 HRS</th>
<th>EARTH SCIENCES</th>
<th>30 HRS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 2040 Concepts in Biology I</td>
<td>5</td>
<td>ASTR 2120 The Solar System</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 3130 Microbiology or</td>
<td>4</td>
<td>ENVS 4150 Investigating the Earth</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 4200 Animal Behavior</td>
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<td>GEOL 1050 Life Through Time</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3310 Human Anatomy and Physiology I or</td>
<td>4</td>
<td>GEOL 1060 Climate Change</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3320 Human Anatomy and Physiology II</td>
<td></td>
<td>GEOG 1250 Weather/Climate</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 3430 General Botany or</td>
<td>4</td>
<td>GEOL 3060 Rocks and Minerals</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 4220 Plant Ecology</td>
<td></td>
<td>GEOL 4930 Field Experience</td>
<td>6</td>
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<tr>
<td>BIOL 3500 General Genetics</td>
<td></td>
<td>SEES 3000 Geospatial Science</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 3540 Populations and Community Ecology</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 4500 Teaching Evolution &amp; Nature of Science</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1270 &amp; 1280 General Chemistry &amp; Lab or</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1370 &amp; 1380 General Chemistry &amp; Lab</td>
<td>5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PHYSICAL SCIENCES: CHEMISTRY</th>
<th>32 HRS</th>
<th>PHYSICAL SCIENCES: PHYSICS</th>
<th>30 HRS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1270 &amp; 1280 General Chemistry &amp; Lab or</td>
<td></td>
<td>ASTR 2120 The Solar System</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1370 &amp; 1380 General Chemistry &amp; Lab</td>
<td>5</td>
<td>MATH 2320 Calculus &amp; Analytical Geometry</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 2010 Lab Techniques</td>
<td></td>
<td>MATS 4010 Survey of Material Science I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 3060 Organic Chemistry</td>
<td></td>
<td>PHYS 2020 College Physics II or</td>
<td></td>
</tr>
<tr>
<td>CHEM 3080 &amp; 3090 Basic Biochemistry</td>
<td></td>
<td>PHYS 2120 University Physics II</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 3130 Special Topics in Chemistry</td>
<td></td>
<td>PHYS 3010 &amp; 3110 Modern Physics &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 3520 Physical Chemistry</td>
<td></td>
<td>PHYS 3020 &amp; 3120 Thermal Physics and Optics &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2320 Calculus &amp; Analytical Geometry</td>
<td></td>
<td>PHYS 3500 Musical Acoustics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 2020 College Physics II or</td>
<td></td>
<td>PHYS 3600 Environmental Physics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 2120 University Physics II</td>
<td>5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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 EDTL 2300
- "C" or better in EDTL 2750
- "C" or better in EDI 3030
- "C" or better in EDIS 2310
- "C" or better in EDTL 3400
- 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:
  - EDI 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

**REMININDERS:**

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, EDI 3030, etc. Plan ahead to ensure completion of prereqs!

2. PSYC 1010 is a prerequisite to EDI 3030, a required education course, and can be used as a Social Science elective in BG Perspective; EDI 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.