ADOLESCENCE to YOUNG ADULT (Secondary) EDUCATION MAJOR

SINGLE FIELD SCIENCE

Bachelor of Science in Education; Leads to grades 7-12 licensure. 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:

Course
English Composition and Oral Communication
_______________________________  ______
Quantitative Literacy
_______________________________  ______

Must complete at least 2 courses in each of the following:
Humanities and the Arts
_______________________________  ______
Natural Sciences
_______________________________  ______
Social and Behavioral Sciences
_______________________________  ______

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:
___ GSW 1120 Academic Writing

Total BGP Credits: Must be at least 36

PROFESSIONAL EDUCATION 33 HRS

(Take blocked courses concurrently. "C" or higher required in all Professional Ed courses.)

Year I: What does it mean to be a teacher?

_____ EDTL 2010 Introduction to Education 3
_____ EDTL 2300 Intro to Educational Technology 2

Take one block each semester.

_____ EDTL 2750 Intro to Teaching Science 3
_____ HDFS 1930Q or PSYC 1010 (prereq for EDFI 3030) 3 - 4

Year II: Who are my students?

_____ EDFI 2020 Teaching Adolescents 3
_____ EDFI 3030 Educational Psychology 3
_____ EDIS 2310 Teaching Students w/Exceptionalities 3

Take one block each semester.

_____ EDFI 2980 Schools, Society, & Cultural Diversity 3
_____ EDFI 2990 Field Exp in Cultural & Community Contexts 1

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

_____ EDTL 3021 Digital Tech for Middle/HS Teachers  3

Take one block each semester.

_____ EDAS 4090 Organization & Admin of Schools 3

Year IV - The Professional Year:

"Who am I as a teacher?"

METHODS BLOCK (FALL ONLY) 12 HRS

(See eligibility criteria pg 3.)

_____ 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 pg 3.)

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

CONTENT FOR TEACHING SPECIALTY 53-58 HRS

_____ BIOL 1040 Introduction to Biology or BIOL 2050 Concepts in Biology II ** 4
_____ GEOL 1010 Earth Science 3
_____ CHEM 1250 or 1350 General Chemistry 5
_____ PHYS 2010 College Physics I or PHYS 2110 University Physics I 5
_____ ASTR 2010 Modern Astronomy 3
_____ MATH 1150 Introduction to Statistics 3

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

**Life Sciences Single Field students must take Biology 2050.
<table>
<thead>
<tr>
<th>LIFE SCIENCE</th>
<th>31 HRS</th>
<th>EARTH SCIENCE</th>
<th>30 HRS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 2040 Concepts in Biology I</td>
<td>4</td>
<td>ASTR 2120 The Solar System</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 3130 Microbiology or</td>
<td></td>
<td>ENVS 4150 Investigating the Earth</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 4200 Animal Behavior</td>
<td>4</td>
<td>GEOL 1050 Life Through Time</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3310 Human Anatomy and Physiology I or</td>
<td></td>
<td>GEOL 1060 Climate Change</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3320 Human Anatomy and Physiology II</td>
<td>4</td>
<td>GEOG 1250 Weather/Climate</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 3430 General Botany or BIOL 4220 Plant Ecology</td>
<td>4</td>
<td>GEOL 3060 Rocks and Minerals</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3500 Genetics</td>
<td>4</td>
<td>GEOL 4930 Field Experience</td>
<td>6</td>
</tr>
<tr>
<td>BIOL 3540 Populations and Community Ecology</td>
<td>3</td>
<td>SEES 3000 Geospatial Science</td>
<td>3</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>
<tr>
<td>PHYSICAL SCIENCES: CHEMISTRY</td>
<td>32 HRS</td>
<td>PHYSICAL SCIENCES: PHYSICS</td>
<td>30 HRS</td>
</tr>
<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>MATS 2320 Calculus &amp; Analytical Geometry</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 2010 Lab Techniques</td>
<td>3</td>
<td>MATS 4010 Survey of Material Science I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 3060 Organic Chemistry</td>
<td>4</td>
<td>PHYS 2020 College Physics II or</td>
<td></td>
</tr>
<tr>
<td>CHEM 3080 &amp; 3090 Basic Biochemistry</td>
<td>4</td>
<td>PHYS 2120 University Physics II</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 3130 Special Topics in Chemistry</td>
<td>3</td>
<td>PHYS 3010 &amp; 3110 Modern Physics &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 3520 Physical Chemistry</td>
<td>3</td>
<td>PHYS 3020 &amp; 3120 Thermal Physics</td>
<td></td>
</tr>
<tr>
<td>CHEM 3520 Physical Chemistry</td>
<td>3</td>
<td>and Optics &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2320 Calculus &amp; Analytical Geometry</td>
<td>5</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>
IMPORTANT REMINDERS!

This is a competitive program. Your GPA is critical! 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.

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.

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.

You are a pre-major in AYA education until you meet criteria for Program Admission:

- 3.0 cumulative GPA
- Completion of GSW 1120, Year 1 block courses, EDTL 2020, EDFI 3030, & EDIS 2310 with a “C” or better.
- Writing sample
- Dispositions check
- Possible interview
You may apply again later if not admitted.

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.

Senior Year: Both Methods and Student Teaching require 3.0 cumulative and 2.8 concentration-area GPAs. See eligibility requirements at left.

Transfer students must complete 15 semester hours at BGSU prior to program admission.