ADOLESCENCE to YOUNG ADULT (Secondary) EDUCATION MAJOR

DUAL FIELD SCIENCE

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><strong>Must complete at least 1 course in each of the following:</strong></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><strong>Must complete at least 2 courses in each of the following:</strong></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

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

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
  (Prereq for EDTL 3400)
- HDFS 1930 or PSYC 1010 3 - 4

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

Take one block each semester.

- EDTL 2020 Teaching Adolescents 3
- EDFI 3020 Educational Psychology 3
- EDIS 2310 Teaching Students w/Exceptionalities 3
- 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?**

Methods Block ONE, Spring only*

- EDTL 3400 Instruction & Differentiation Mid/HS 3
- EDTL 4200 Disciplinary Literacy 3
- EDTL 4020 Assessment & Evaluation 3
- EDTL 4750 Science Methods 3
- EDTL 4090 Organization & Admin of Schools 3

**Year IV - The Professional Year: “Who am I as a teacher?”**

Methods Block TWO, Fall only*

- EDTL 4860 Advanced Seminar in Social Studies Teaching 3
- EDTL 4020 Assessment & Evaluation 3
- EDTL 4750 Science Methods 3
- EDTL 4090 Organization & Admin of Schools 3

STUDENT TEACHING*

- EDTL 4860 Advanced Seminar in Social Studies Teaching 3
- EDTL 4970 Student Teaching Internship 12

*See eligibility criteria on p.2 for each block

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

**Life Sciences Dual Field students must take Biology 2050.**
### LIFE SCIENCE - 18 HRS
- BIOL 2040 Concepts in Biology I 4
- BIOL 3430 Botany OR BIOL 4220 Plant Ecology 4
- BIOL 3500 Genetics 4
- BIOL 3540 Populations and Community Ecology 3
- BIOL 4500 Teaching Evolution & Nature of Science 3

### CHEMISTRY - 19 HRS
- CHEM 1270 & 1280 General Chemistry & Lab OR
- CHEM 1370 & 1380 General Chemistry & Lab 5
- CHEM 3060 Organic Chemistry 4
- CHEM 3080 & 3090 Basic Biochemistry 4
- CHEM 3130 Special Topics in Chemistry 3
- CHEM 2010 Quantitative Chemical Analysis 3

### EARTH SCIENCE - 20 HRS
- ASTR 2120 The Solar System 3
- GEOG 1250 Weather/Climate 3
- GEOL 1050 Life Through Time 4
- GEOL 3060 Rocks and Minerals 4
- SEES 3000 Geospatial Science 3
- ENVS 4150 Investigating the Earth 3

### PHYSICS - 18 HRS
- ASTR 2120 The Solar System 3
- MATS 4010 Material Science 3
- PHYS 2020 College Physics II or PHYS 2120 University Physics II 5
- PHYS 3010 & 3110 Modern Physics & Lab 4
- PHYS 3600 Environmental Physics OR
- PHYS 3500 Musical Acoustics 4

### DUAL FIELD AREAS - SELECT TWO AREAS
- BIOL 2040 Concepts in Biology I
- CHEM 1270 & 1280 General Chemistry & Lab
IMPORTANT BENCHMARKS

I. PROGRAM ADMISSION
You are a pre-major in AYA education until you meet criteria for Program Admission

II. METHODS BLOCK ONE ELIGIBILITY
Junior Year:
- 3.0 cumulative GPA
- 2.8 concentration-area GPA

III. METHODS BLOCK TWO ELIGIBILITY
Methods Block Two registration is held in late fall or early spring of your block two year. You must be fully eligible for methods block two by summer of before your senior year. (July) 1.
- Attainment of 90 semester hours
- 3.0 cumulative and 2.8 major GPA
- 80% of content coursework complete
- Program OAE exam criteria met
- “C” or better in EDTL 3400
- “C” or better in EDTL 3021
- “C” or better in EDTL 4200

IV. STUDENT TEACHING ELIGIBILITY
- 100 semester hours completed
- 3.0 accumulative GPA
- 2.8 content specialty GPA
- Program OAE exam criteria met
- “C” or better in all methods block two course work

V. GRADUATION REQUIREMENTS
- “C” or better in Senior Seminar
- Pass Student Teaching
- Pass edTPA
- Program OAE exam criteria met

IMPORTANT REMINDERS!
(1) Monitor your GPA regularly using your degree audit.
(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 website under “Academics.” These tell you which courses are prerequisites for subsequent classes, the GPA required, whether the course indicates 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 will need.
c. Ed Psych is a prerequisite for program admission, EDTL 3400, and several upper-level classes.
(5) Transfer students must complete 15 semester hours at BGSU prior to program admission.
(6) BCI/FBI background checks are must be renewed annually and sent directly to the Office of Educator Preparation and Partnerships by July 1.
(7) No courses in “Professional Education” from pg. 1 may be taken S/U, and no more than one course in “Content for Speciality” from pg. 1 may be taken S/U.
(8) Apply for graduation within the first few weeks of the semester in which you wish to graduate.
(9) Apply for your Ohio license during your final semester.