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>
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<tbody>
<tr>
<td>Must complete at least 1 course in each of the following: English Composition and Oral Communication</td>
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<tr>
<td>Quantitative Literacy</td>
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**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

**CONTENT FOR TEACHING SPECIALTY** 60-62 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 23-24 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** 32 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 2
- 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 (prereq for EDFI 3030) 3 - 4

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

- EDTL 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 3400 Instruction & Differentiation Mid/HS 3
- 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 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
DUAL FIELD AREAS - SELECT TWO AREAS

LIFE SCIENCE 18 HRS EARTH SCIENCE 20 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 PHYSICS 18 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

IMPORTANT CHECKLISTS

I. Application for Methods and Student Teaching is made at a sign-up meeting held the FIRST week of each semester for students planning to take Methods the following semester. Information is available in Room 101 Education Building. You must be fully eligible for methods by July 1.

II. AYA Methods Eligibility Requirements:

- Attainment of 90 semester hours
- 3.0 cumulative and 2.8 major GPA
- 80% of content coursework complete
- Evidence of meeting program OAE requirements
- All course prereqs completed
- “C” or better in GSW 1120
- “C” or better in EDTL 2010
- “C” or better in EDTL 2300
- “C” or better in EDTL 2710, 2740, 2750, or 2760 (per major specialty)
- “C” or better in HDFS 1930 or PSYC 1010
- “C” or better in EDTL 2020
- “C” or better in EDFI 3030
- “C” or better in EDIS 2310
- “C” or better in EDFI 2980
- “C” or better in EDFI 2990
- “C” or better in EDTL 3400
- “C” or better in EDTL 3021
- “C” or better in EDAS 4090

III. Prerequisites for Student Teaching:

- 100 semester hours completed
- 3.0 accumulative GPA
- 2.8 content specialty GPA
- Program OAE exam criteria met
- “C” or better in all methods coursework
- No INCs in student teaching course prereqs
- Positive recommendations from Cooperating Teacher, University Mentor, & campus instructors

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 prereqs for other courses you’ll need.
c. Ed Psych is a prereq 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.