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 Credits
Must complete at least 1 course in each of the following:
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

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.

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 1930Q 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 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
<table>
<thead>
<tr>
<th>LIFE SCIENCE</th>
<th>31 HRS</th>
<th>EARTH SCIENCE</th>
<th>30 HRS</th>
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<tbody>
<tr>
<td>BIOL 2040 Concepts in Biology I</td>
<td>4</td>
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<td>BIOL 3130 Microbiology or BIOL 4200 Animal Behavior</td>
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<td>BIOL 3310 Human Anatomy and Physiology I or BIOL 3320 Human Anatomy and Physiology II</td>
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<td>BIOL 3430 General Botany or BIOL 4220 Plant Ecology</td>
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<td>BIOL 3500 Genetics</td>
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<td>BIOL 3540 Populations and Community Ecology</td>
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<td>BIOL 4500 Teaching Evolution &amp; Nature of Science</td>
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<tr>
<td>CHEM 1270 &amp; 1280 General Chemistry &amp; Lab or CHEM 1370 &amp; 1380 General Chemistry &amp; Lab</td>
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<tr>
<th>PHYSICAL SCIENCES: CHEMISTRY</th>
<th>32 HRS</th>
<th>PHYSICAL SCIENCES: PHYSICS</th>
<th>30 HRS</th>
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<td>CHEM 2010 Lab Techniques</td>
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<td>CHEM 3060 Organic Chemistry</td>
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<td>CHEM 3080 &amp; 3090 Basic Biochemistry</td>
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<td>CHEM 3130 Special Topics in Chemistry</td>
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<td>CHEM 3520 Physical Chemistry</td>
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<td>MATH 2320 Calculus &amp; Analytical Geometry</td>
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<td>PHYS 2020 College Physics II or PHYS 2120 University Physics II</td>
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<td>ASTR 2120 The Solar System</td>
<td>3</td>
<td>MATS 2320 Calculus &amp; Analytical Geometry</td>
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<td>ENVS 4150 Investigating the Earth</td>
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<td>MATS 4010 Survey of Material Science I</td>
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<td>GEOL 1050 Life Through Time</td>
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<td>GEOL 1060 Climate Change</td>
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<td>PHYS 2010 &amp; 3110 Modern Physics &amp; Lab</td>
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<td>GEOL 3060 Rocks and Minerals</td>
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<td>PHYS 3020 &amp; 3120 Thermal Physics</td>
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<td>GEOL 4930 Field Experience</td>
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<td>PHYS 3500 Musical Acoustics</td>
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<td>SEES 3000 Geospatial Science</td>
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<td>PHYS 3600 Environmental Physics</td>
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IMPORTANT REMINDERS!

(1) 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.

(2) 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.

(3) 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 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.

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