Fall 2018 | **School of Teaching and Learning – School of Teaching and Learning – ADOLESCENCE to YOUNG ADULT (Secondary) EDUCATION MAJOR**

BGSU College of Education and Human Development
BOWLING GREEN STATE UNIVERSITY

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 (Prereq for EDTL 3400)	3
_____	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

SINGLE FIELD AREAS - SELECT ONE AREA

LIFE SCIENCE — 31 HRS

_____	BIOL 2040 Concepts in Biology I	4
_____	BIOL 3130 Microbiology or	
	BIOL 4200 Animal Behavior	4
_____	BIOL 3310 Human Anatomy and Physiology I or	
	BIOL 3320 Human Anatomy and Physiology II	4
_____	BIOL 3430 General 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
_____	CHEM 1270 & 1280 General Chemistry & Lab or	
	CHEM 1370 & 1380 General Chemistry & Lab	5

PHYSICAL SCIENCES: CHEMISTRY — 32 HRS

_____	CHEM 1270 & 1280 General Chemistry & Lab or	
	CHEM 1370 & 1380 General Chemistry & Lab	5
_____	CHEM 2010 Lab Techniques	3
_____	CHEM 3060 Organic Chemistry	4
_____	CHEM 3080 & 3090 Basic Biochemistry	4
_____	CHEM 3130 Special Topics in Chemistry	3
_____	CHEM 3520 Physical Chemistry	3
_____	MATH 2320 Calculus & Analytical Geometry	5
_____	PHYS 2020 College Physics II or	
	PHYS 2120 University Physics II	5

EARTH SCIENCE — 30 HRS

_____	ASTR 2120 The Solar System	3
_____	ENVS 4150 Investigating the Earth	3
_____	GEOL 1050 Life Through Time	4
_____	GEOL 1060 Climate Change	4
_____	GEOG 1250 Weather/Climate	3
_____	GEOL 3060 Rocks and Minerals	4
_____	GEOL 4930 Field Experience	6
_____	SEES 3000 Geospacial Science	3

PHYSICAL SCIENCES: PHYSICS — 30 HRS

_____	ASTR 2120 The Solar System	3
_____	MATS 2320 Calculus & Analytical Geometry	5
_____	MATS 4010 Survery of Material Science I	3
_____	PHYS 2020 College Physics II or	
	PHYS 2120 University Physics II5	5
_____	PHYS 3010 & 3110 Modern Physics & Lab	4
_____	PHYS 3020 & 3120 Thermal Physics and Optics & Lab	4
_____	PHYS 3500 Musical Acoustics	3
_____	PHYS 3600 Environmental Physics	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!

(1) **This is a competitive program. Your GPA is critical!**

(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 homepage under "Academics."** These tell you which courses are prerequisites for subsequent classes, the GPA required, whether the course includes a field expe rience, etc.

(4) **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 admis-sion, EDTL 3400, and several upper level classes.

(5) **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.

(6) **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.

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

(8) **Transfer students** must complete 15 semester hours at BGSU prior to program admission.