

**ADOLESCENCE to YOUNG ADULT (Secondary) EDUCATION  
INTEGRATED SCIENCES**

(Earth Sciences and Chemistry; Earth Sciences and Physics; Life Sciences and Chemistry;  
Life Sciences and Earth Sciences; Life Sciences and Physics; Physical Science-Chemistry and Physics)  
School of Teaching and Learning  
College of Education and Human Development

NAME \_\_\_\_\_

**Fall 2014**

Bachelor of Science in Education; Leads to Integrated Science licensure in grades 7-12. This degree program is designed to be completed in 4 1/2 years. Changing majors, academic issues or other unforeseen circumstances may require additional semesters for completion.

<u>CONTENT FOR TEACHING SPECIALTY</u>	<u>77 HRS</u>	<u>PROFESSIONAL EDUCATION</u>	<u>52 HRS</u>
_____ BIOL 2050 Concepts in Biology II	5	_____ EDTL 2010 Introduction to Education @	2
_____ GEOL 1010 Earth Science	3	_____ EDTL 2300 Introduction to Educ. Technology @	2
_____ CHEM 1250 or 1350 General Chemistry ##	5	_____ EDIS 2310 Teaching Students w/Exceptionalities @	3
_____ PHYS 2010 College Physics I ## or		_____ EDTL 2750 Introduction to the Tchg. of Science @	3
_____ PHYS 2110 University Physics I ##	5	_____ EDFI 3030 Educational Psychology Applied	
_____ ASTR 2010 Modern Astronomy	3	_____ to Adolescent Development @	3
_____ MATH 1150 Introduction to Statistics	3	_____ (must take PSYC 1010 ## or HDFS 1930Q ## first)	
		_____ EDTL 3400 Teaching Adolescents @,	3
		_____ EDFI 4080 Education in a Pluralistic Society @, ##	3
		_____ EDAS 4090 Organization & Administration @	3

In addition to hours above, four science fields must be completed.  
See reverse side for additional coursework.

<u>Methods Block (courses taken concurrently)</u>	
_____ EDFI 4020 Assessment and Evaluation @	3
_____ EDTL 4180 Practicum in Secondary Schl. Settings @	3
_____ EDTL 4200 Content Reading @	3
_____ EDTL 4670 Computer Utilization @	3
_____ EDTL 4750 Science Methods @	3

<u>Student Teaching (courses taken concurrently)</u>	
_____ EDTL 4850 Adv Seminar in the Tchg. of Science @	3
_____ EDTL 4970 Student Teaching	12

<u>COLLEGE REQUIREMENTS</u>	<u>3 HRS</u>
_____ COMM 1020 @	3

Retention/Full Acceptance, Methods, Student Teaching, and Graduation Requirements are listed on the attached sheet.

For minor requirements in Biology, Chemistry, Physics, or Geology, consult your catalog.

**NOTE**

Undergraduate students or degree holders seeking initial licensure must meet all specified requirements, including satisfactory completion of the OAE exams.

## Can also be used to fulfill elective in BG Perspective.

@ Grade of "C" or better required.

**BG PERSPECTIVE REQUIREMENTS**

\_\_\_\_\_ GSW 1120 @ (\_\_\_\_\_ GSW 1100/1110)

Quantitative Literacy (Group C Recommended)  
Elective \_\_\_\_\_

Natural Science  
Elective \_\_\_\_\_  
Elective \_\_\_\_\_

Social and Behavioral Sciences  
Elective \_\_\_\_\_  
Elective \_\_\_\_\_

Humanities and Arts  
Elective \_\_\_\_\_  
Elective \_\_\_\_\_

Cultural Diversity in the United States  
Elective \_\_\_\_\_

Additional BG Perspective Course  
Elective \_\_\_\_\_  
 One BG Perspective course from above is an International Perspective course

Degree Audit Report (DAR) is available on MyBGSU.

## Integrated Science Areas - Select All Four Areas

In addition to science content on the front side under "Content For Teaching Speciality, all students will complete:

<b>LIFE SCIENCES</b>	<b>15 HRS</b>	<b>EARTH SCIENCES</b>	<b>14 HRS</b>
_____ BIOL 2040 Concepts in Biology I	5	_____ GEOG 1250 Weather/Climate	3
_____ BIOL 3500 Genetics	4	_____ GEOL 1050 Life Through Time	4
_____ BIOL 3540 Populations and Community Ecology	3	_____ GEOL 3060 Rocks and Minerals	4
_____ BIOL 4500 Teaching Evolution & Nature of Science	3	_____ SEES 3000 Geospatial Science	3
<b>CHEMISTRY</b>		<b>PHYSICS</b>	
	<b>12 HRS</b>		<b>12 HRS</b>
_____ CHEM 1270 & 1280 General Chemistry & Lab <b>or</b>		_____ MATS 4010 Material Science	3
_____ CHEM 1370 & 1380 General Chemistry & Lab	5	_____ PHYS 2020 College Physics II <b>or</b>	
_____ CHEM 3060 Organic Chemistry	4	_____ PHYS 2120 University Physics II	5
_____ CHEM 3130 Special Topics in Chemistry	3	_____ PHYS 3010 & 3110 Modern Physics & Lab	4

### **THREE IMPORTANT CHECKLISTS**

- I. Application for methods and student teaching is made at a sign-up meeting held the **FIRST** Thursday of each semester for students planning to student teach the following semester. Information is available in Room 101 Education Building.
- II. SECONDARY METHODS ADMISSION REQUIREMENTS
- \_\_\_\_\_ Attainment of 60 semester hours
  - \_\_\_\_\_ "C" or better in EDHD 2010
  - \_\_\_\_\_ "C" or better in GSW 1120
  - \_\_\_\_\_ "C" or better in COMM 1020
  - \_\_\_\_\_ "C" or better in EDTL 2300
  - \_\_\_\_\_ "C" or better in EDTL 2750
  - \_\_\_\_\_ "C" or better in EDFI 3030
  - \_\_\_\_\_ "C" or better in EDIS 2310
  - \_\_\_\_\_ "C" or better in EDTL 3400
  - \_\_\_\_\_ Accumulative GPA of at least 2.8
  - \_\_\_\_\_ Content Specialty GPA of at least 2.8
  - \_\_\_\_\_ Completed 80% of content course requirements.
  - \_\_\_\_\_ Transfer students must complete 15 semester hours at BGSU.
  - \_\_\_\_\_ Evidence of passing score(s) on OAE content licensure exam(s) by July 1 preceding methods.
- III. PREREQUISITES FOR STUDENT TEACHING
- \_\_\_\_\_ Completion of 90 semester hours
  - \_\_\_\_\_ Accumulative GPA of at least 2.8
  - \_\_\_\_\_ Content Specialty GPA of at least 2.8
  - \_\_\_\_\_ Completion of the following courses with a grade of "C" or better:
    - \_\_\_\_\_ EDFI 4020
    - \_\_\_\_\_ EDTL 4180
    - \_\_\_\_\_ EDTL 4200
    - \_\_\_\_\_ EDTL 4750
    - \_\_\_\_\_ EDTL 4670
  - \_\_\_\_\_ No incompletes in courses that are prerequisites for student teaching
  - \_\_\_\_\_ Successful completion of field and clinical experiences or recommendations from field and clinical supervisors

### REMINDERS:

- (1) Check prerequisites before registering for classes. For example, EDTL 3400 has an extensive list, including an overall GPA of at least a 2.8 and completion of EDTL 2750, EDFI 3030, etc. Plan ahead to ensure you have met all the prereqs!
- (2) PSYC 1010 is a prerequisite to EDFI 3030, a required education course, and can be used as a Social Science elective in BG Perspective; EDFI 4080 is a required education course and can be used as a Cultural Diversity elective in BG Perspective.
- (3) Meet with your advisor at least once each year. Names of advisors can be obtained via MyBGSU web page, click on "My Advisor." If you have trouble connecting with your advisor, contact Student & Academic Services or the Program Coordinator.
- (4) **SENIOR YEAR:** You must apply for graduation on-line prior to the term deadline; complete an application for licensure during your student teaching semester—you will receive instructions during a required meeting that precedes student teaching.
- (5) Complete at least 30 of coursework at BGSU.
- (6) Note: For transfer students and degree-holding guests seeking licensure, GPA and all applicable course grades reflected on the degree audit will be calculated for methods and student teaching eligibility and to meet program requirements.