

**ADOLESCENT/YOUNG ADULT (Secondary) EDUCATION MAJOR  
INTEGRATED MATHEMATICS SPECIALIZATION**

School of Teaching and Learning  
College of Education and Human Development

NAME \_\_\_\_\_

**2009-2010**

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

**CONTENT FOR TEACHING SPECIALTY 43-44 HRS**

- \_\_\_\_\_ CS 1010 Introduction to Programming 3
- \_\_\_\_\_ EDTL 2740 Intro. to Sec. School Mathematics @ 3
- \_\_\_\_\_ Math 1310 Calculus & Analytic Geometry I 5
- \_\_\_\_\_ Math 2320 Calculus & Analytic Geometry II 5
- \_\_\_\_\_ Math 2330 Calculus & Analytic Geometry III 3-4  
or Math 2350 Calc. & An. Geom. III w/vector fields
- \_\_\_\_\_ Math 3220 Discrete Mathematics 3
- \_\_\_\_\_ Math 3320 Elementary Linear Algebra 3
- \_\_\_\_\_ Math 3390 Modern Algebra 3
- \_\_\_\_\_ Math 3410 Probability & Statistics 3
- \_\_\_\_\_ Math 4020 Modern Geometry 3
- \_\_\_\_\_ Math 4110 History of Math 3
- \_\_\_\_\_ Math Elective @ 3000/4000 level \_\_\_\_\_ 3
- Excluding Math 3950, 4150, 4950.

**SELECT ONE: 3**

- \_\_\_\_\_ Math 4170 Adv. Math for Secondary Teachers ### (3)
- \_\_\_\_\_ Math 4210 Foundations of Mathematics (3)
- \_\_\_\_\_ Math 4650 Introduction to Real Analysis I (3)

### Math 4170 is recommended. It should be taken concurrently with the Secondary Methods Block.

**\*Mathematics:**

One of the following must be completed: 1120, 1150, 1160, 1220, 1260, 1280, 1300, 1310, 1340, 1350, 2320, although content requires Math 1310 and higher.

@ Grade of "C" or better required.

## Can also be used to fulfill BG Perspective electives.

**NOTE**

Undergraduate students and degree holders seeking initial licensure must meet all specified requirements; that includes passing required Praxis II exams.

Degree Audit Report (DAR) is available on MyBGSU.  
This is an unofficial record of a student's progress.

**PROFESSIONAL EDUCATION 49 HRS**

- \_\_\_\_\_ EDHD 2010 Introduction to Education @ 2
- \_\_\_\_\_ EDTL 2300 Introduction to Educational Technology @ 2
- \_\_\_\_\_ EDIS 2310 Students w/Exceptionalities @ 3
- \_\_\_\_\_ EDFI 3030 Educational Psychology @ 3  
Applied to Adolescent Development @  
(must take PSYC 1010 ## first)
- \_\_\_\_\_ EDTL 3700 General Methods @ 3
- \_\_\_\_\_ EDFI 4080 Education in a Pluralistic Society @, ## 3
- \_\_\_\_\_ EDAS 4090 Organization & Administration @ 3

**Methods Block (Take all courses concurrently)**

- \_\_\_\_\_ EDTL 4670 Computer Utilization @ 3
- \_\_\_\_\_ EDTL 4180 Practicum in Secondary Sch Settings @ 3
- \_\_\_\_\_ EDTL 4200 Content Reading @ 3
- \_\_\_\_\_ EDTL 4740 Math Methods @ 3
- \_\_\_\_\_ EDFI 4020 Assessment & Evaluation @ 3

**Student Teaching (Take all courses concurrently)**

- \_\_\_\_\_ EDTL 4840 Adv. Sem. in Mathematics Teaching @ 3
- \_\_\_\_\_ EDTL 4970 Student Teaching 12

**COLLEGE REQUIREMENTS 6-8 HRS**

- \_\_\_\_\_ IPC 1020 @ 3
- \_\_\_\_\_ Mathematics Elective\* \_\_\_\_\_ 3-5

**BG PERSPECTIVE REQUIREMENTS**

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

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.

## 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 455 Education Building.

### II. AYA METHODS ADMISSION REQUIREMENTS

- Attainment of 60 semester hours
- "C" or better in EDHD 2010
- "C" or better in EDTL 2300
- "C" or better in EDTL 2740
- "C" or better in GSW 1120
- "C" or better in IPC 1020
- "C" or better in EDFI 3030
- "C" or better in EDIS 2310
- "C" or better in EDTL 3700
- Accumulative BGSU 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.
- Successfully passed Praxis II content exam.

### 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
- No incompletes in courses that are prerequisites for student teaching
- Completion of the following courses with a grade of "C" or better:
  - EDTL 4670
  - EDTL 4180
  - EDTL 4200
  - EDTL 4740
  - EDFI 4020
- Successful completion of field and clinical experiences or recommendations from field and clinical supervisors.

### REMINDERS:

- (1) PSYC 1010 is a prerequisite for EDFI 3030, a required education course, and can be used as a Social Science elective; EDFI 4080 is a required education course and can be used as a Cultural Diversity elective.
- (2) Meet with your advisor at least once each year. Names of advisors and other assistance can be obtained via MyBGSU web page, click on "My Advisor."
- (3) 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 for doing so during a required meeting that precedes student teaching.
- (4) Complete at least 30 hours of coursework at BGSU.
- (5) Please check your email and AYA Learning Community on MyBGSU regularly for AYA Education Program Announcements and Content Specialization Announcements. You are held accountable and responsible for adhering to rules, deadlines, etc., posted to MyBGSU Learning Community.
- (6) Note: For transfer students and degree-holding guests seeking licensure, applicable GPA will be calculated for methods and student teaching eligibility and to meet program requirements.