

Note: When viewing on-line, click any underlined course prefix to display current course descriptions (may not be available in some browsers).

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

School of Teaching and Learning
College of Education and Human Development

NAME _____

2008-2009

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 HRS

_____ CS 101 Introduction to Programming	3
_____ EDTL 274 Intro to Secondary School Mathematics @3	
_____ Math 131 Calculus & Analytic Geometry I	5
_____ Math 232 Calculus & Analytic Geometry II	5
_____ Math 233 Calculus & Analytic Geometry III	3
_____ Math 322 Discrete Mathematics	3
_____ Math 332 Elementary Linear Algebra	3
_____ Math 339 Modern Algebra	3
_____ Math 341 Probability & Statistics	3
_____ Math 402 Modern Geometry	3
_____ Math 411 History of Math	3
_____ Math Elective @ 300/400 level _____	3
Excluding Math 395, 415, 495.	

SELECT ONE: 3

_____ Math 417 Adv. Math for Secondary Teachers ### (3)	
_____ Math 421 Foundations of Mathematics (3)	
_____ Math 465 Introduction to Real Analysis I (3)	

Math 417 is recommended. It must be taken concurrently with the Secondary Methods Block.

***Mathematics:**

One of the following must be completed: 112, 115, 116, 122, 126, 128, 130, 131, 134, 135, 232, although content requires Math 131 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 201 Introduction to Education @	2
_____ EDTL 230 Introduction to Educational Technology @	2
_____ EDFI 303 Educational Psychology @	3
_____ Applied to Adolescent Development @	
(must take PSYC 101 ## first)	
_____ EDIS 231 Students w/Exceptionalities @	3
_____ EDTL 370 General Methods @	3
_____ EDFI 408 Education in a Pluralistic Society @, ##	3
_____ EDAS 409 Organization & Administration @	3

Methods Block (Take all courses concurrently)

_____ EDTL 467 Computer Utilization @	3
_____ EDTL 418 Practicum in Secondary Sch Settings @	3
_____ EDTL 420 Content Reading @	3
_____ EDTL 474 Math Methods @	3
_____ EDFI 402 Assessment & Evaluation @	3

Student Teaching (Take all courses concurrently)

_____ EDTL 484 Adv. Seminar in Mathematics Teaching @	3
_____ EDTL 497 Student Teaching	12

COLLEGE REQUIREMENTS 6-8 HRS

_____ IPC 102 @	3
_____ Mathematics Elective* _____	3-5

BG PERSPECTIVE REQUIREMENTS

_____ ENG 112 @	(_____ ENG 110/111)
<u>Natural Science</u>	
_____ Elective _____	
_____ Elective _____	
<u>Social and Behavioral Sciences</u>	
_____ Elective _____	
_____ Elective _____	
<u>Humanities and Arts</u>	
_____ Elective _____	
_____ Elective _____	
<u>Cultural Diversity in the United States</u>	
_____ Elective _____	
<u>Additional BG Perspective Course</u>	
_____ 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 365 Education Building.

II. AYA METHODS ADMISSION REQUIREMENTS

- Attainment of 60 semester hours
- "C" or better in EDHD 201
- "C" or better in EDTL 230
- "C" or better in EDTL 274
- "C" or better in English 112
- "C" or better in IPC 102
- "C" or better in EDFI 303
- "C" or better in EDIS 231
- "C" or better in EDTL 370
- 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 467
 - EDTL 418
 - EDTL 420
 - EDTL 474
 - EDFI 402
- Successful completion of field and clinical experiences or recommendations from field and clinical supervisors.

REMINDERS:

- (1) PSYC 101 is a prerequisite for EDFI 303, a required education course, and can be used as a Social Science elective; EDFI 408 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 or afterward in Room 365 Education Building. 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 your last 30 hours immediately preceding graduation at BGSU. If you wish to deviate from this policy you must request permission to do so in 365 Education Building.
- (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.