

Integrated Mathematics Concentration

Adolescent and Young Adult (AYA) Education

GRADES 7-12



PROGRAM ADMISSION INFORMATION

Students must apply to be admitted to an Adolescent and Young Adult (AYA) cohort—a group of students selected to experience methods courses and field experiences together. Criteria for admission to an AYA cohort include:

1. Complete EDT 190, EDP 201, and EDL 204 with a grade of B or higher in each course
2. Complete 64 graded credit hours or more
3. Earn a cumulative GPA of 2.75 or higher
4. Score at or above the 50th* percentile in Reading and Math on the ACT or SAT and successfully complete a required Writing assessment in EDP 201. For 2020-2021 the required ACT/SAT scores are:

ACT	Reading: 21	Math: 21
SAT	Reading: 543	Math: 532

*Percentile scores fluctuate and need to be enumerated **Students who do not meet the requirements above may petition

Applications are due by **December 15** to be considered for Early Field Block in the following fall semester and by **May 15** to be considered for Early Field Block in the following spring semester. The EDT Cohort Application is available on the Teacher Education website on the “Admission” tab under the “Related Links” at the left.

GUIDE TO THE GLOBAL MIAMI PLAN FOR LIBERAL EDUCATION REQUIREMENTS

Foundation Area	Hours	Course Number or Related Information
English (IA)	3	ENG 111 English Composition (or ENG 109 for 2nd language)
Creative Arts (IIA)	3	Choice
Humanities (IIB)	3	EDL 204 Sociocultural Studies in Education
Social Science (IIC)	3	EDP 201 Human Development and Learning in Social and Educational Contexts
Global Perspectives (III)	6	Choice - Study Abroad or Global Courses (Note: EDT 323 is a Global Course)
Biological Science (IVA)	3-4	Choice (one science must have a lab)
Physical Science (IVB)	3-4	Choice (one science must have a lab)
Math, Technology (V)	4	MTH 151 Calculus I
Intercultural Perspectives	3	Choice (EDL 204 will fulfill this if you have another Humanities course, but can't fulfill both)
Advanced Writing	3	MTH 331 Proof: Introduction to Higher Mathematics
Thematic Sequence	9	MTH 2 incorporated in major
Senior Capstone	3	MTH 482 Great Theorems of Mathematics
Experiential Learning	0	Student Teaching (EDT 419)

2020 - 2021 SAMPLE Plan of Study

YEAR ONE

Fall Semester	Hours
EDT 190 Introduction to Education	3
MTH 151 Calculus I	5
Miami Plan Science (without lab)	3
ENG 111 Composition and Rhetoric	3
Elective	3
Total	17

Spring Semester	Hours
Miami Plan Creative Arts	3
EDP 201 Human Dev. and Learning in Social/Ed Contexts	3
MTH 251 Calculus II	4
Miami Plan Science (with lab)	4
Miami Plan Global Perspectives	3
Total	17

YEAR TWO

Be sure to submit your cohort application at some point during this year. Cohort applications are submitted online. Students must be admitted to the AYA cohort before registering for Fall Methods Block. Students who do not meet the admission requirements may petition.

Fall Semester	Hours
MTH 222 Linear Algebra	4
MTH 252 Calculus III	3
MTH 408 (fall only) Problem Solving with Technology	3
EDP 256 Psychology of the Exceptional Learner	3
Elective	3
Total	16

Spring Semester	Hours
MTH 331 Proof: Introduction to Higher Mathematics	3
EDL 204 Sociocultural Studies in Education	3
STA 301 Applied Statistics	3
Elective	3
Elective	3
Total	15

YEAR THREE

Students must be admitted to the AYA cohort before registering for Fall Methods Block. Prerequisites for Spring Methods Block are completion of Fall Methods Block with a grade of B or higher in each course and a cumulative GPA of 2.75 or higher. Students who do not meet these requirements may petition. All block (bolded) courses must be taken together. Additional courses taken outside the block must be scheduled after 4 PM.

Fall Semester	Hours
EDT 429A Adolescent Mathematics Methods I	3
EDT 421A Classroom Management	3
EDT 446A Integrated Literacy Across Content	3
MTH 330 (optional) Problems Seminar (OAE content review)	1
MTH 411 Foundations of Geometry	3
Elective	3
Total	16

Spring Semester	Hours
EDT 430 Adolescent Mathematics Methods II	3
EDT 301A Assessment/Evaluation in Education	3
EDT 323 TELLs Instructional Theories/Practices	3
MTH 421 Introduction to Abstract Algebra	4
MTH 409 (spring only) Secondary Math from an Advanced Perspective	3
Total	16

YEAR FOUR

Prerequisites for Student Teaching are completion of the Spring Methods Block with a grade of B or higher in each course, completion of 96 total graded credit hours or more, a cumulative GPA of 2.75 or higher, and completion of the OAE content test. Students who do not meet these requirements may petition. Students can student teach in either the fall or spring semester.

Fall Semester	Hours
Student Teaching	
EDT 419A	15
Total	15

Spring Semester	Hours
MTH 482 (Capstone)	3
Intercultural Perspectives course	3
STA 401 Probability	3
Electives to get to the 124 required hours	3-?
Total	12-?

Note: There is a minimum of 124 hours required to graduate.
For advising questions, please contact your assigned academic advisor or Cathy Moore, moorecr3@miamioh.edu.