

Integrated Science Chemistry 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 - any Miami Plan Creative Arts course
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 will fulfill one Global Perspectives course)
Biological Science (IVA)	3-4	Fulfilled by courses required for the major
Physical Science (IVB)	3-4	Fulfilled by courses required for the major
Math, Technology (V)	4	STA 261 Statistics
Intercultural Perspectives	3	EDL 204 will fulfill this if you have another Humanities course, but it cannot fulfill both
Advanced Writing	3	CHM 375 Analytical Chemistry for Majors
Thematic Sequence	9	Choice (Consider CHM 2 - adds 1 course: CHM 332)
Senior Capstone	3	CHM 491 Chemistry in Societal Issues
Experiential Learning	0	Student Teaching (EDT 419)

2020 - 2021 SAMPLE Plan of Study

YEAR ONE

Fall Semester	Hours
BIO/MBI 115 Biological Concepts	4
CHM 141/144 College Chemistry + Lab	5
EDT 190 Introduction to Education	3
ENG 111 College Composition	3
Total	15

Spring Semester	Hours
BIO/MBI 116 Biological Concepts	4
CHM 142/145 College Chemistry + Lab	5
GLG 111 + 115L Dynamic Earth + Lab	4
EDP 201 Human Dev. and Learning in Social/Ed Contexts	3
Total	16

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
PHY 161 Physics for Life Sciences	4
CHM 241/244 Organic Chemistry with Lab I	5
STA 261 Statistics	4
EDP 256 Psychology of the Exceptional Learner	3
Science Research	1
Total	17

Spring Semester	Hours
PHY 162 Physics for Life Sciences	4
CHM 242/245 Organic Chemistry with Lab II	5
BIO 206 Evolutionary Biology	3
EDL 204 Sociocultural Studies in Education	3
Science Research	1
Total	16

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 431 Adolescent Science Methods I	3
EDP 301A Assessment/Eval. in Education	3
EDT 323 TELLS Instructional Theories/Practices (global)	3
CHM 415 Misconceptions in Chemistry (fall only)	3
PHY 111 Astronomy and Space Physics	3
EDT 415 Inquiring Life Science (fall only)	3
Science Research	1
Total	19

Spring Semester	Hours
EDT 432 Adolescent Science Methods II	3
EDT 446A Integrated Literacy Across Content	3
EDT 421A Classroom Management	3
CHM 375 Analytical Chemistry (ADVV)	3
GLG 307 Water and Society	3
Science Research	1
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
CHM 491 Capstone (spring only)	3
IES 275 Environmental Science (Sub BIO 451W for this)	3
MP Creative Arts course	3
MP Global Perspectives course	3
Intercultural Perspectives course	3
CHM 332 Outlines of Biochemistry (for thematic sequence)	3
Total	18

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.