



## School of Education

### General Education Requirements (37-43cr)

#### ACADEMIC FOUNDATIONS

Math/Statistics/Logic (3-4cr):

- MATH 221 Analytic Geometry-Calculus I (4cr)

Speaking (3cr):

- COMM 105 / COMM 106 / COMM 263

Writing (6cr):

- First Course (3cr): ENGL 110 / ENGL 111

- Second Course (3cr): ENGL 112 / ENGL 222

#### BREADTH OF KNOWLEDGE

Arts & Humanities (9cr)

- Arts (3cr): \_\_\_\_\_

- Humanities (3cr): \_\_\_\_\_

- Arts or Humanities (3cr): \_\_\_\_\_

Social Sciences (6cr)

- (See GE course list): \_\_\_\_\_

- (See GE course list): \_\_\_\_\_

Natural Sciences (7cr)

- with lab (4cr): \_\_\_\_\_

- without lab (3cr): \_\_\_\_\_

#### INTEGRATED AND APPLIED LEARNING

Complex Issues Facing Society (CI)

- EDCI 223 Urban Youth Mentoring\* (3cr)

#### DIVERSITY COURSES

Domestic Diversity (DD)

- (See GE course list): \_\_\_\_\_

Global Diversity (GD)

- (See GE course list): \_\_\_\_\_

See [uakron.edu/general-education](http://uakron.edu/general-education) for course list

### Major Requirements

#### Professional Education Core (27cr)

- EDSE 100 Orientation for AYA (0cr)
- EDFN 200 Intro to Education (3cr)  $\bar{O}$
- EDFN 220 Educational Psychology (3cr)
- EDIS 225 Introduction to Exceptionalities (3cr)
- EDCI 308 Instructional Design/Assessment (6cr)  $\bar{O}$
- EDCI 440 Literacy in the Content Areas (3cr)  $\bar{O}$
- EDSE 314 Intro to Math Teaching in Secondary Schools (3cr)
- EDSE 404 Secondary Math Instructional Techniques (3cr)  $\bar{O}$
- EDSE 414 Clinical Teaching I - Sec Mathematics (3cr)  $\bar{O}$

## AYA Integrated Mathematics (Grades 7-12) (530702BA)

### Major Requirements Continued

#### Student Teaching (12cr)

- EDSE 421 Instructional Techniques II: Secondary Ed (3cr)
- EDSE 431 Clinical Teaching II (3cr)
- EDSE 495 Student Teaching (6cr)

### Content Area Requirements

Students are required to select ONE area. Either STEM or Theoretical

#### STEM (41cr):

- MATH 208 Introduction to Discrete Mathematics (4cr)
- MATH 221 Analytic Geometry-Calculus I (4cr)
- MATH 222 Analytic Geometry-Calculus II (4cr)
- MATH 223 Analytic Geometry-Calculus III (4cr)
- MATH 312 Linear Algebra (3cr)
- MATH 401 History of Mathematics (3cr)
- MATH 441 Concepts in Geometry (4cr)
- CPSC 200 Programming for Data Science (4cr)
- STAT 461 Applied Statistics (4cr)
- PHYS 291 Elementary Classical Physics I (4cr)
- EDCI 439 Engineering for Educators (3cr)

#### THEORETICAL (39cr):

- MATH 221 Analytic Geometry-Calculus I (4cr)
- MATH 222 Analytic Geometry-Calculus II (4cr)
- MATH 223 Analytic Geometry-Calculus III (4cr)
- MATH 307 Fundamentals of Advanced Math (FOAM) (3cr)
- MATH 312 Linear Algebra (3cr)
- MATH 401 History of Mathematics (3cr)
- MATH 411 Abstract Algebra I (3cr)
- MATH 441 Concepts in Geometry (4cr)
- CPSC 209 Computer Science I (4cr)
- STAT 461 Applied Statistics (4cr)
- MATH 335 Intro. to Ordinary Differential Equations (3cr)
- MATH 421 Advanced Calculus I (3cr)

For more information:  
School of Education  
Zook Hall | (330) 972-880  
[www.uakron.edu/education](http://www.uakron.edu/education)

#### 120 Credit Minimum

Cumulative and Major GPAs of 2.5 or greater required