



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 for course list

Major Requirements

Professional Education Core (27cr)

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

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) OR
MATH 421 Advanced Calculus I (3cr)

For more information:

School of Education
Zook Hall | (330) 972-7880
www.uakron.edu/education

120 Credit Minimum

Cumulative and Major GPAs of 2.5 or greater required