

KU School of Education Middle Level Mathematics Education Major Bachelor's Degree Program Guide



Program Admission Requirements

- ENGL 101 & 102
- C&T 100
- MATH 101 or 104
- MATH 115 (or higher)
- COMS 130
- ANTH 160 (or SOC 150)
- BIOL 100 & 102
- HIST 128 or 129
- PSYC 104

General Education Requirements

- MATH 109 & 110
- MATH 125 & 126
- MATH 365
- MATH 409 & 410
- MATH 450
- MATH 558
- HSES 260
- Physical Science Lecture & Lab Requirement
- MATH Elective (290 recommended)

Teacher Education Program Requirements

- C&T 235
- ELPS 250
- ELPS 302
- EPSY 306
- SPED 326
- C&T 324
- EPSY 456
- C&T 331
- C&T 539

Student Teaching & Field Experience Requirements

- C&T 543
- C&T 448
- C&T 489
- ELPS 537
- SPED 507
- C&T 490
- C&T 495
- EPSY 520



Requirements for the Middle Level Mathematics Education bachelor's degree program fulfill the KU Core Goals kucore.ku.edu

Middle Level Math Education Major

Freshman Year

Fall Semester

- Intro to the Education Profession (C&T 100)
- Composition (ENGL 101)
- History of the U.S. after Civil War (HIST 129)
- Pre-calculus Mathematics (MATH 104)
- Orientation Seminar (UNIV 101)

Spring Semester

- Principles of Biology & Lab (BIOL 100 & 102)
- Speaker-Audience Comm (COMS 130)
- Critical Reading & Writing (ENGL 102)
- Calculus I (MATH 125)

Sophomore Year

Fall Semester (Apply for SOE admission)

- Diversity, Equity & Inclusion in K-12 (C&T 235)
- Personal & Community Health (HSES 260)
- Calculus II (MATH 126)
- General Psychology (PSYC 104)
- Varieties of the Human Experience (ANTH 160)

Spring Semester (HIST 308 & POLS 110 in Sum)

- Education & Society (ELPS 250)
- Curr. & Learner in Middle/High School (C&T 324)
- Math for Elementary Teachers (MATH 109)
- Elementary Linear Algebra (MATH 290)
- Physical Science Lecture & Lab Requirement

Junior Year

Fall Semester

- Educational Technology (ELPS 302)
- Development & Learning of the Adolescent (EPSY 306)
- Manage/Motivate Learners in Middle/Sec Class (EPSY 456)
- Math for Elementary Teachers II (MATH 110)
- Elementary Statistics (MATH 365)

Spring Semester

- Inst. Approaches for ESOL Learners (C&T 331)
- C&I in Middle/Sec Math Classrooms (C&T 539)
- Topics in Math (MATH 105)
- Geometry for Sec/Middle (MATH 409)
- History of Math for Sec/Middle (MATH 410)
- Teaching Exceptional Youth in Gen. Ed. (SPED 326)

Senior Year

Fall Semester

- Reading & Writing Across the Curriculum (C&T 448)
- Advanced Teaching Practicum (C&T 489)
- Adv. Practices in Teaching Math in Middle/Secondary Schools (C&T 543)
- Governance & Organization (ELPS 537)
- Introductory Modern Algebra (MATH 558)
- Advanced Practices for Children w/ Disabilities (SPED 507)

Spring Semester

- Student Teaching (C&T 490)
- Seminar: Dev. the Teaching Portfolio (C&T 495)
- Classroom Assessment (EPSY 520)

Learn more:
ct.ku.edu/middle-math

119 Credit Hours (min.)
soe advising@ku.edu

Please note: This is only a sample plan of study. Please consult with your academic advisor before enrolling.