

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



Program Admission Requirements

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

General Education Requirements

- ASTR 191
- ATMO 105
- BIOL 152
- CHEM 130
- CHEM 135
- GEOL 101 & 103
- HIST 136 or 137
- PHSX 114 & 115
- Science Requirement (300+)
- Science Research Requirement (300+)

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 537

Student Teaching & Field Experience Requirements

- C&T 542
- C&T 448
- C&T 489
- ELPS 537
- SPED 507
- C&T 490
- C&T 495
- EPSY 520



Middle Level Science Education Major

Freshman Year

Fall Semester

- Intro to the Education Profession (C&T 100)
- General Chemistry I (CHEM 130)
- Composition (ENGL 101)
- Pre-calculus Mathematics (MATH 104)

Spring Semester

- General Chemistry II (CHEM 135)
- Speaker-Audience Comms (COMS 130)
- General Psychology (PYSC 104)
- Critical Reading & Writing (ENGL 102)
- Calculus I (MATH 115)

Sophomore Year

Fall Semester (Apply for SOE admission)

- Principles of Molecular & Cellular Biology (BIOL 150)
- Personal & Community Health (HSES 260)
- Diversity, Equity & Inclusion in K-12 (C&T 235)
- The Way the Earth Works (GEOL 101)
- Geology Fundamentals Lab (GEOL 103)
- Non-Western Social Science Requirement

Spring Semester (HIST 308 & POLS 110 in Sum)

- Principles of Organismal Biology (BIOL 152)
- Curr. & Learner in Middle/High School (C&T 324)
- Education & Society (ELPS 250)
- History of Modern Science (HIST 136)
- Teaching Exceptional Children & Youth in General Education (SPED 326)

Junior Year

Fall Semester

- Educational Technology (ELPS 302)
- Development & Learning of the Adolescent (EPSY 306)
- Manage/Motivate Learners in Middle/Sec Class (EPSY 456)
- College Physics I (PHSX 114)
- Science Requirement (300+)

Spring Semester (HIST 348 & POLS 150 in Sum)

- Introductory Meteorology (ATMO 105)
- Instructional Approaches for ESOL Learners in the Middle/Secondary Classroom (C&T 331)
- College Physics II (PHSX 115)

Senior Year

Fall Semester

- Contemporary Astronomy (ASTR 191)
- Adv. Practices in Teaching Science in Middle/Secondary Schools (C&T 542)
- Reading & Writing Across the Curriculum (C&T 448)
- Advanced Teaching Practicum (C&T 489)
- Governance & Organization (ELPS 537)
- 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-science

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.