

Four-Year Graduation Plan - Courses and Critical Benchmarks



The following is a sample course of study. It is the Student's responsibility to ensure that all program requirements are met. This guide is not a substitute for academic advisement. **All incoming freshmen must develop an academic plan (which maps out all courses needed to graduate within your intended major/degree). Your academic advisor is available to meet with you and create your specific plan.**

*Your path to graduation may vary slightly based on factors such as college credit you earned while in high school, transfer work from other institutions of higher learning and placement in Mathematics. You are responsible for checking prerequisites to any courses. Critical Courses and minimum recommended grades (as noted below) provide feedback regarding major fit and help indicate likelihood of successful completion of chosen academic program and degree.*



First Math	Varies	Foreign Language Requirement	No	Free Elective Hours	6
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Critical Course or Benchmark	Course Subject, Number, and Title and Academic Plan Benchmarks Bold = UMKC General Education Core Requirement *Prerequisite May Be Required **Co-Requisite Enrollment Required	Min Recom Grade	Credit Hours (CH)	Notes
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Fall Semester Year 1: 14 hours

	<b>**Anchor I: Reasoning and Values</b> <a href="#">Click for options</a>		3	Suggest TCH-ED 150: Introduction to Urban Education Field Experience. Students will need to complete a background check.  Recommend HISTORY 206 or 208 to satisfy the <b>Focus A: Arts and Humanities</b> requirement. These courses can help prepare student for MoGEA.  ENV-SCI 110 satisfies the <b>Focus B: Scientific Reasoning and Quantitative Analysis</b> requirement.
	<b>**DISC 100: Reasoning and Values</b> (Speech and Writing)		3	
	<b>Focus A: Arts and Humanities</b>		3	
	<b>Focus B: Scientific Reasoning and Quantitative Analysis</b> ENV-SCI 110R: Understanding the Earth ENV-SCI 110L: Understanding the Earth Lab or BIOLOGY 102: Biology and Living BIOLOGY 102L: Biology and Living Laboratory	B	3 2 3 1	
	Complete 12 term hours minimum toward graduation Earn 3.00 minimum cumulative GPA Earn a B or higher in all BIOLOGY, GEOG, GEOLOGY, PHYSICS, PHY-SCI, ENV-SCI, CHEM, TCH-ED, and EDUC courses			

Spring Semester Year 1: 13 hours

	<b>**Anchor II: Culture and Diversity</b> <a href="#">Click for options</a>		3	BIOLOGY 102 meets the <b>Focus Elective</b> requirement.  Recommend HISTORY 101 or 102 to satisfy the <b>Focus C: Human Actions, Values, and Ethics</b> requirement. These courses can help prepare student for MoGEA.
	<b>**DISC 200: Culture and Diversity</b> (Speech and Writing)		3	
	<b>Focus Elective:</b> ENV-SCI 110R: Understanding the Earth ENV-SCI 110L: Understanding the Earth Lab or BIOLOGY 102: Biology and Living BIOLOGY 102L: Biology and Living Laboratory	B	3 2 3 1	
	<b>Focus C: Human Actions, Values, and Ethics</b>		3	
	Complete Anchor I and DISC 100 Complete 12 term hours minimum toward graduation Earn 3.00 minimum cumulative GPA Earn a B or higher in all BIOLOGY, GEOG, GEOLOGY, PHYSICS, PHY-SCI, ENV-			

SCI, CHEM, TCH-ED, and EDUC courses

Summer Semester Year 1: 0 hours if all previous courses completed

Fall Semester Year 2: 13 hours

	<b>**Anchor III: Civic and Community Engagement</b> <a href="#">Click for options</a>		3	Suggest the following classes for Science Elective: GEOLOGY 220/220L, GEOG 215, PHY-SCI 110, PHYSICS 150/153L, or PHYSICS 210
	<b>**DISC 300: Civic and Community Engagement</b> (Speech and Writing)		3	
◆	GEOG 319 Descriptive and Synoptic Meteorology	B	4	
◆	Science Elective	B	3	

◆ Earn a B or higher in all ENGLISH, BIOLOGY, GEOG, GEOLOGY, PHYSICS, PHY-SCI, ENV-SCI, CHEM, TCH-ED, and EDUC courses

Spring Semester Year 2: 12 hours

◆	Science Elective	B	3	Suggest the following classes for Science Elective: GEOLOGY 220/220L, GEOG 215, PHY-SCI 110, PHYSICS 150/153L, or PHYSICS 210
◆	Science Elective	B	3	
	Elective		3	
	Elective		3	

Complete the [RooWriter Writing Assessment](#).

◆ Complete Anchor II and DISC 200  
Complete the Missouri General Education Assessment (MoGEA)  
Complete the Roo Writer Assessment  
Complete 60 hours toward degree  
Earn a cumulative GPA of a 3.00 or higher  
Earn a B or higher in all BIOLOGY, GEOG, GEOLOGY, PHYSICS, PHY-SCI, ENV-SCI, CHEM, TCH-ED, and EDUC courses

Summer Semester Year 2: 0 hours if all previous courses completed

Fall Semester Year 3: 12 hours

	TCH-ED 470 Philosophy & History of Science & Technology	B	3	Required to complete a background check along with applying for substitute teaching license.
	Science Elective	B	3	
	TCH-ED 385 Teaching and Learning with Technology	B	3	
	TCH-ED 403 Educational Psychology	B	3	

Suggest the following classes for Science Elective:  
GEOLOGY 220/220L, GEOG 215, PHY-SCI 110, PHYSICS 150/153L, or PHYSICS 210

◆ Apply to the Teacher Education Program  
Complete the Content Assessment  
Earn a B or higher in all BIOLOGY, GEOG, GEOLOGY, PHYSICS, PHY-SCI, ENV-SCI, CHEM, TCH-ED, and EDUC courses

Spring Semester Year 3: 11 hours

	Science Elective	B	3	Complete interview for
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# UMKC Major Map: Bachelor of Arts in Middle School Education: Science (grades 5-9)

## First-Time College Students

Catalog Year: 2014 - 2015

	Elective		3	Teacher Education program. All tests need to be complete prior to admission into the program.
	TCH-ED 404 Education of the Exceptional Child	B	3	
	TCH-ED 420 Adolescent Development	B	3	



Earn a cumulative GPA of a 3.00 or higher  
Earn a B or higher in all BIOLOGY, GEOG, GEOLOGY, PHYSICS, PHY-SCI, ENV-SCI, CHEM, TCH-ED, and EDUC courses

### Summer Semester Year 3: 13 hours

	TCH-ED 430 Gateway to Teaching	B	3
	EDUC 428 Cultural Diversity in American Education	B	3
	EDRD 439 Content Reading and Language Development	B	3
	TCH-ED 408WI Advanced Foundations	B	3
	TCH-ED 422 Practicum I	B	1



Earn a cumulative GPA of a 3.00 or higher  
Earn a B or higher in all BIOLOGY, GEOG, GEOLOGY, PHYSICS, PHY-SCI, ENV-SCI, CHEM, TCH-ED, and EDUC courses

### Fall Semester Year 4: 16 hours

	TCH-ED 416 Reading II	B	4	Apply for graduation.
	TCH-ED 423 Practicum II	B	2	
	TCH-ED 435 Special Methods Of Teaching Middle and Secondary Science	B	3	Apply for certification.
	TCH-ED 438 Culturally Responsive Strategies	B	3	
	TCH-ED 460 Middle School Curriculum	B	2	
	TCH-ED 462 Middle School Principles and Organization	B	2	



Earn a cumulative GPA of a 3.00 or higher  
Earn a B or higher in all BIOLOGY, GEOG, GEOLOGY, PHYSICS, PHY-SCI, ENV-SCI, CHEM, TCH-ED, and EDUC courses

### Spring Semester Year 4: 12 hours

	TCH-ED 461 Student Teaching In Middle School	B	10
	TCH-ED 495 Science Capstone	B	2

## Graduation Requirements Summary

Total Hours (120 minimum)	Total Hours at UMKC (30 hours min)	Major GPA	UMKC GPA
120	See advisor	3.00; 3.00 prof/content	3.00

## Program Description

The School of Education, organized officially as a separate academic division in 1954, was the result of the University of Kansas City's involvement in professional education since 1940. At that early date the University was offering an M.A. in education, heavily liberal-arts laden, with most classes conducted in the summer and evenings. An undergraduate major in elementary education was established in 1952, and the first University of Kansas City doctoral program, the Ph.D. in

education, was inaugurated with the organizing of the school in 1954. Since 1954, the school has grown to include three disciplinary divisions with 19 programs, offering bachelor of arts, master of arts, educational specialist, education doctorate and doctor of philosophy degree programs. Several degree and certification programs are offered in cooperation with the School of Biological Sciences, the Conservatory of Music and the College of Arts and Sciences. The mission of the School of Education is to recruit, prepare and support outstanding teachers, mental health professionals and administrators who will create lifelong opportunities through education for America's diverse urban communities. This mission is centered on six key values which embody the knowledge, skills and dispositions expected of our candidates across the School of Education. The goals defined by individual programs are more specific subsets of these broader goals:

- < Academic excellence.
- < Strategic innovation.
- < Inquiry leading to reflective decision making and problem solving.
- < Skilled and knowledgeable professionals working collaboratively.
- < Democracy, diversity and social justice.
- < Caring and safe environments.

## Admission Requirements

- Admission to UMKC (<http://umkc.edu/admission>)
- Completed the majority of specific pre-education and subject area course work prior to start of the professional education semesters;
- Attained a cumulative grade point average of at least 3.00;
- Attained a subject-area grade point average of at least 3.00 (middle school, secondary, and K-12);
- Submitted acceptable results from an Missouri FBI background check;
- Passed the Missouri General Education Assessment, Content Assessment and Pedagogical Assessment;
- Completed the application for the School of Education for Bachelor's degree seekers:
- Submitted a score from the ACT or SAT; (if graduated from High School in past 5 years)
- Pass RooWriter Exam before taking the required writing intensive course.

Instructions are available at the School of Education web site: <http://education.umkc.edu/teapp>

## Career Opportunities

To learn more about career opportunities for Education majors please visit these links:

UMKC Career Services Resources: <http://www.career.umkc.edu/?q=node/87>

O\*Net OnLine: <http://www.onetonline.org/find/>

## Advising Contact Information

**Questions?** Call the School of Education Student Services office at 816-235-2234 or e-mail [education@umkc.edu](mailto:education@umkc.edu). Those with speech or hearing impairments may use Relay Missouri, 1-800-735-2966 (TT) or 1-800-735-2466 (voice). UMKC is an equal opportunity/affirmative action institution.

## Policy and Other Information

### Non-course requirements

RooWriter  
 Teacher Education Application  
 Missouri General Education Assessment (MoGEA)  
 Substitute Certification  
 Background Check  
 Pedagogical Assessment  
 Content Assessment  
 Disposition Assessment

### Met

The School reserves the right to make changes in courses, degree requirements and course schedules without notice.

Students are expected to maintain a quality of achievement significantly above minimum UMKC standards for degree work.

Individual student progress will be monitored throughout the program. Satisfactory progress is required of all students for retention in the program. Students are expected to maintain academic standards, perform satisfactorily in courses, refrain from academic dishonesty, comply with the established University and teacher education timetables and requirements, and refrain from unethical or unprofessional behavior or behaviors that obstruct the training process or threaten the welfare of the student or others. Other circumstances involving student behavior will be addressed by the faculty on an individual basis.