

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	<b>MATH 110: College Algebra</b>	Foreign Language Requirement	No	Free Elective Hours	No Free Electives
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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: 15 hours

	<b>**Anchor I: Reasoning and Values</b> <a href="#">Click for options</a>		3	Suggest HISTORY 206 or 208 for <b>Focus A: Arts and Humanities</b> . These classes can help prepare student for the MoGEA.
	<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> *MATH 110: College Algebra or *MATH 125: Trigonometry (not a Focus B) or *STAT 235: Elementary Statistics or *MATH 210: Calculus I	B	3	MATH 110 satisfies the <b>Focus B: Scientific Reasoning and Quantitative Analysis</b> requirement.
	MATH 130: Mathematics for Teachers: Number Systems or TCH-ED 130: Number Systems and Related Topics or MATH 214: Mathematics For Teachers: Algebra	B	3	* <a href="#">ALEKS Math Placement Exam Required</a> prior to enrolling in MATH 110.
	Complete 12 term hours minimum toward graduation Earn 3.00 minimum cumulative GPA Earn a B or higher in all MATH, BIOLOGY, GEOG, GEOLOGY, PHYSICS, PHY-SCI, ENV-SCI, CHEM, TCH-ED, and EDUC courses			MATH 130 satisfies the <b>Focus Elective</b> requirement.

Spring Semester Year 1: 15 - 16 hours



	<b>**Anchor II: Culture and Diversity</b> <a href="#">Click for options</a>		3	Suggest HISTORY 101 or 102 for <b>Focus C: Human Actions, Values, and Ethics</b> . These classes can help prepare student for the MoGEA.
	<b>**DISC 200: Culture and Diversity</b> (Speech and Writing)		3	
	<b>Focus C: Human Actions, Values, and Ethics</b>		3	
	*MATH 125: Trigonometry (not a Focus B) or *STAT 235: Elementary Statistics or *MATH 210: Calculus I	B	2 3 4	
	BIOLOGY 102 Biology and Living and BIOLOGY 102L Biology and Living with Lab or ENV-SCI 110R Understanding the Earth and ENV-SCI 110L Understanding the Earth with Lab	B B B B	3 1 3 2	


 <p>Complete Anchor I and DISC 100                  Complete 30 total hours toward degree                  Earn a cumulative GPA of a 3.00 or higher                  Earn a B or higher in all MATH, BIOLOGY, GEOG, GEOLOGY, PHYSICS, PHY-SCI, ENV-SCI, CHEM, TCH-ED, and EDUC courses</p>
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**Summer Semester Year 1: 0 hours if all previous courses completed**





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**Fall Semester Year 2: 14 hours**

	<b>**Anchor III: Civic and Community Engagement</b> <a href="#">Click for options</a>		3
	<b>**DISC 300: Civic and Community Engagement</b> (Speech and Writing)		3
	MATH 224 Mathematics for Teachers: Geometry	B	3
	BIOLOGY 102 Biology and Living and BIOLOGY 102L Biology and Living with Lab or ENV-SCI 110R Understanding the Earth and ENV-SCI 110L Understanding the Earth with Lab	B B B B	3 1 3 2

 <p>Earn a B or higher in all MATH, BIOLOGY, GEOG, GEOLOGY, PHYSICS, PHY-SCI, ENV-SCI, CHEM, TCH-ED, and EDUC courses</p>
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**Spring Semester Year 2: 13 hours**

	*MATH 210 Calculus I	B	4	Suggest the following classes for Math Elective: MATH 120, 204, 206, 216, 244, 220, or EDUC 402R.  Suggest the following classes for Science Elective: GEOLOGY 220/220L, GEOG 215, PHY-SCI 110, PHYSICS 150/153L, or PHYSICS 210
	MATH Elective	B	3	
	GEOG 319 Descriptive and Synoptic Meteorology	B	4	
	Science Elective	B	2	

 <p>Complete Anchor II and DISC 200                  Complete the Missouri General Education Assessment (MoGEA)                  Complete the RooWriter Assessment                  Complete 60 hours toward degree                  Earn a cumulative GPA of a 3.00 or higher                  Earn a B or higher in all MATH, BIOLOGY, GEOG, GEOLOGY, PHYSICS, PHY-SCI, ENV-SCI, CHEM, TCH-ED, and EDUC courses</p>
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Complete the [RooWriter Writing Assessment](#).

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

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**Fall Semester Year 3: 12 hours**

	*STAT 235 Elementary Statistics	B	3
	TCH-ED 470 Philosophy & History of Science & Technology	B	3
	TCH-ED 385 Teaching and Learning with Technology	B	3
	TCH-ED 403 Educational Psychology	B	3

 Apply to the Teacher Education Program  
 Complete the Content Assessment  
 Earn a B or higher in all MATH, BIOLOGY, GEOG, GEOLOGY, PHYSICS, PHY-SCI, ENV-SCI, CHEM, TCH-ED, and EDUC courses  
 Earn a cumulative GPA of a 3.00 or higher

**Spring Semester Year 3: 12 hours**

MATH Elective	B	3	Complete interview for Teacher Education program. All tests need to be complete prior to admission into the program.
Science Elective	B	3	
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 MATH, BIOLOGY, GEOG, GEOLOGY, PHYSICS, PHY-SCI, ENV-SCI, CHEM, TCH-ED, and EDUC courses

Suggest the following classes for Math Elective: MATH 120, 204, 206, 216, 244, 220, or EDUC 402R.

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


**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 MATH, BIOLOGY, GEOG, GEOLOGY, PHYSICS, PHY-SCI, ENV-SCI, CHEM, TCH-ED, and EDUC courses

**Fall Semester Year 4: 19 hours**

TCH-ED 416 Reading II	B	4	Apply for graduation
TCH-ED 423 Practicum II	B	2	Apply for certification
TCH-ED 433 Special Methods Of Teaching Middle and Secondary Mathematics	B	3	
TCH-ED 435 Special Methods Of Teaching Middle and Secondary Science	B	3	
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 MATH, 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 493 Mathematics Capstone	B	2

### Graduation Requirements Summary

Total Hours (120 minimum)	Total Hours at UMKC (30 hours min)	Major GPA	UMKC GPA
125	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

### Met

RooWriter

Teacher Education Application

Missouri General Education Assessment (MoGEA)

Substitute Certification

Background Check

Pedagogical Assessment

Content Assessment

Disposition Assessment

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.