

Major Map: Pre-Medicine
First-time College Students
Catalog Year: 2013-2014

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 of checking prerequisites to any courses. Critical Courses (and Min. Grades as noted below) provide feedback regarding major fit and help indicate the likelihood of successful completion of chosen academic program and degree.

Mathematics: Math 110 or MATH 116, or 200-level MATH/STAT Foreign Language Requirement: Maybe Free Elective Hours: Unknown

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	Hours	Min. Recommended Grade	Notes
Fall Semester Year 1: 14-16 hours				
	**Anchor I: Reasoning and Values – Click for Options	3		Math Entrance Exam required prior to enrollment in MATH 110 and many higher level MATH/STAT courses. Any MATH/STAT at the 200 level fulfills CAS Math Requirement. The MATH/STAT course should be chosen based on the requirements of the medical schools to which they plan to apply. CHEM 211L fulfills CAS Laboratory Experience Requirement
	**Discourse I: DISC 100 – Reasoning and Values (Speech and Writing)	3		
◆	**CHEM 211: General Chemistry I (Focus B – Scientific Reasoning & Quantitative Analysis)	4	B	
◆	**CHEM 211L: General Chemistry I Laboratory (CAS Laboratory Requirement)	1	B	
	BIOLOGY 109: General Biology II (Focus Elective) OR PSYCH 210: General Psychology (Focus C – Human Values and Ethical Reasoning) OR MATH 110: College Algebra OR MATH 120: Precalculus OR MATH 125: Trigonometry OR *MATH 210: Calculus I OR STAT 235: Elementary Statistics	3-5	B	
	<i>BIOLOGY 109L: General Biology II Laboratory (only take this course if BIOLOGY 109 is taken above)</i>	0-1	B	
◆	Complete 12 term hours minimum toward degree Earn minimum 2.000 term GPA Earn minimum 2.000 cumulative UM GPA			
Spring Semester Year 1: 15 hours				
	**Anchor II: Culture and Diversity - Click for Options	3		Science courses may count toward the CAS Science & Math Requirement, if taken outside the major department.
	**Discourse II: DISC 200 - Culture and Diversity (Speech and Writing)	3		
◆	*/**CHEM 212R: General Chemistry II	4	B	

◆	*/**CHEM 212LR: General Chemistry II Laboratory	1	B		
◆	BIOLOGY 108: General Biology I	3	B		
◆	BIOLOGY 108L: General Biology I Laboratory	1	B		
◆	Complete Discourse I and Anchor I Complete 28 total hours minimum toward degree Complete 12 term hours minimum toward degree Earn minimum 2.000 term GPA Earn minimum 2.000 cumulative UM GPA				
Summer Semester Year 1					
Fall Semester Year 2: 14-15 hours					
◆	*/**CHEM 321: Organic Chemistry I	3	B	<p>Math Entrance Exam required prior to enrollment in many higher level MATH/STAT courses. Any MATH/STAT at the 200 level fulfills CAS Math Requirement.</p> <p>The MATH/STAT course should be chosen based on the requirements of the medical schools to which they plan to apply.</p> <p>Take the Roewriter Writing Assessment the semester immediately following Discourse II and at least a semester before registering for a Writing Intensive course.</p>	
◆	*/**CHEM 321L: Organic Chemistry I Lab	1	B		
	BIOLOGY 109: General Biology II (Focus Elective) OR MATH 110: College Algebra OR MATH 120: Precalculus OR MATH 125: Trigonometry OR *MATH 210: Calculus I OR STAT 235: Elementary Statistics	3-5	B		
	<i>BIOLOGY 109L: General Biology II Laboratory (only take this course if BIOLOGY 109 is taken above)</i>	0-1	B		
	Focus A – Arts & Humanities – Click for Options OR PSYCH 210: General Psychology (Focus C – Human Values and Ethical Reasoning)	3			
	Missouri Constitution course to count toward CAS Social & Behavioral Sciences Requirement – Click for Options	3			
◆	Complete 12 term hours minimum toward degree Earn minimum 2.000 term GPA Earn minimum 2.000 cumulative UM GPA				
Spring Semester Year 2: 14 hours					
◆	*/**CHEM 322R: Organic Chemistry II	3	B		
◆	*/**CHEM 322L: Organic Chemistry II Lab	1	B		
◆	PHYSICS 210: General Physics I	4	B		
	Focus A – Arts & Humanities – Click for Options OR PSYCH 210: General Psychology (Focus C – Human Values and Ethical Reasoning)	3			
	CAS Arts & Humanities – Click for Options	3			
◆	Complete Discourse II and Anchor II Complete 60 total hours toward degree Complete 12 term hours minimum toward degree Earn minimum 2.000 term GPA Earn minimum 2.000 cumulative UM GPA				
Summer Semester Year 2					

Fall Semester Year 3: 16 hours			
	Discourse III: Civic and Community Engagement	3	
	Anchor III: Civic and Community Engagement - Click for Options	3	
◆	PHYSICS 220: General Physics II	4	
	CAS Social & Behavioral Sciences Requirement - Click for Options	3	
	CAS Arts & Humanities – Click for Options	3	
◆	Complete RooWriter Writing Assessment Complete 12 term hours minimum toward degree Earn minimum 2.000 term GPA Earn minimum 2.000 cumulative UM GPA		
Spring Semester Year 3			
Summer Semester Year 3			
Fall Semester Year 4			
Spring Semester Year 4			

Non-course requirements

- RooWriter Writing Assessment
- ETS Proficiency Profile (EPP) exam

Met

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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.

Graduation Requirements Summary:

Total Hours (120 minimum)	Totals Hrs at UMKC (30 hours minimum)	Upper-level Hours (36 minimum)	Major GPA (2.0 Minimum)	UMKC GPA

All students completing an undergraduate education degree must meet the following conditions in order to graduate and be recommended for graduation or certification:

- [list of requirements as stated in the catalog pertaining to minimum GPA, capstone coursework, additional licensure exams, etc.]

Program Description

Admission Requirements

Career Opportunities

Contact Information