

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	MATH 110 College Algebra	Foreign Language Requirement	Third Semester Proficiency	Free Elective Hours	No Free Electives
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Transfer Credit Notes:

- AP, IB, CLEP, or transfer credit may be applied to select courses below. See [UMKC Registration and Records](#) for details.
- Students may satisfy the DISC 100 requirement with ACT English subscore of 30 or above or SAT verbal subscore of 690 or above.
- This sample plan assumes a student has completed two years of the same foreign language in high school.
- Students entering the six-year medical program with nine or fewer degree applicable hours toward the BLA will fulfill the College's foreign language requirement with MED 9115: Medical Terminology and Classics 391WI: Ancient Greek and Roman Medicine (instead of Foreign Language 120 and 211).

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: 22 hours

	**Anchor I: Reasoning and Values Click for options		3	
	**DISC 100: Reasoning and Values (Speech and Writing)		3	
	LS-ANATO 119: Functional Anatomy I AND LS-ANATO 119L: Functional Anatomy I Laboratory	B	4	
	CHEM 211: General Chemistry I AND CHEM 211L: Experimental General Chemistry I (Focus B)	B	5	
	MEDICINE 9110: Fundamentals of Medicine I	SP	5	
	MEDICINE 9115: Medical Terminology		1	
	MEDICINE 9119: Learning Basic Medical Science			
	Earn minimum of 2.8 cumulative UM GPA Completion of 12 term hours minimum toward degree			

Spring Semester Year 2: 23 hours

	**Anchor II: Culture and Diversity Click for options		3	Complete RooWriter Writing Assessment after completion of DISC 200 and before earning 90 credit hours.
	**DISC 200: Culture and Diversity (Speech and Writing)		3	
	CHEM 212R: General Chemistry II and CHEM 212LR: Experimental General Chemistry II	B B	4 1	
	LS-MCRB 121: Human Biology III (Microbiology) AND	B	3	

UMKC Major Map: Bachelor of Liberal Arts/MD with Chemistry Minor (Six-Year Med)

First-Time College Students

Catalog Year: 2015 - 2016

▼	LS-MCRB 121L: Human Biology III (Microbiology) Lab Focus Elective	B	1
◆	MEDICINE 9120: Fundamentals of Medicine II	SP	5
◆	SOCIOL 101: Sociology - An Introduction OR PSYCH 210: General Psychology Focus C: Human Actions, Values, and Ethics		3
◆	Completion of Anchor I and DISC 100 Earn minimum of 2.800 cumulative UM GPA Earn minimum of 2.800 cumulative SOM Science GPA Completion of 12 term hours minimum toward degree Completion of 30 total hours toward degree		

Summer Semester Year 2: 9 hours

◆	CHEM 320: Elementary Organic Chemistry AND CHEM 320L: Experimental Organic Chemistry	B B	4 1
◆	BIOLOGY 202: Cell Biology	B	3
	MEDICINE 9221: Hospital Team Experience		1
◆	<i>Earn 2.8 minimum GPA</i>		

Fall Semester Year 2: 22 hours

◆	BMS 9265: Human Biochemistry	B	5
◆	BIOLOGY 206: Genetics	B	3
◆	SOCIOL 211: Sociology Life Cycles		3
◆	MEDICINE 9220: Fundamentals of Medicine IV	SP	4
◆	SOCIOL 101: Sociology - An Introduction OR PSYCH 210: General Psychology		3
	FOREIGN LANGUAGE 120: Elementary Foreign Language II		3
◆	Completion of Anchor II and DISC 200 Earn minimum of 2.800 cumulative UM GPA Earn minimum of 2.800 cumulative SOM Science GPA		


Spring Semester Year 2: 23 hours


◆	BMS 9296: Human Structure Function I	B	7
◆	BMS 9297: Human Structure Function II	B	6
◆	BMS 9298: Human Structure Function III	B	5
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	MEDICINE 9220: Fundamentals of Medicine IV	SP	4
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	Complete RooWriter Writing Assessment Earn minimum of 2.800 cumulative UM GPA Earn minimum of 2.800 cumulative SOM Science GPA		
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Summer Semester Year 3: 10 hours

	BMS 9399: Human Structure Function IV	B	4
	MEDICINE 9310: History of Medicine		1
	MEDICINE 9330: Clinical Correlations	B	5

Fall Semester Year 3: 24 hours

	MEDICINE 9312: Pathology I		10
	BMS 9311: Medical Neurosciences		9
	MEDICINE 9308: Clinical Practice of Medicine I		3
	MEDICINE 9383: Continuing Care Clinic I		0
	MEDICINE 9385: Introduction to Pharmacology (online)		2

Spring Semester Year 3: 26 hours

	BMS 9310: Medical Microbiology		5	Complete ALEKS Math Placement Exam
	MEDICINE 9313: Pathology II		12	
	MEDICINE 9383: Continuing Care Clinic I		5	
	MEDICINE 9309: Clinical Practice of Medicine II		5	

Summer, Fall, or Spring Semester Year 4 Campus: 18 hours

	**Anchor III: Community & Civic Engagement - Social Science prefix required		3	See transfer credit notes at beginning of Major Map. Students will not be taking more than 18 hours this semester. POL-SCI 210, HISTORY 101 or 102 fulfill Focus C as well as the Missouri Constitution requirement. * ALEKS Math Placement Exam or college credit with a grade of C- or higher in pre-requisite required prior to enrollment in MATH 110 or higher.
	**DISC 300: Community & Civic Engagement (Speech and Writing)		3	
	Focus A: Arts and Humanities - Humanities prefix required		3	
	Writing Intensive - Humanities prefix required	B	3	
	Math 110 or higher*	B	3	
	FOREIGN LANGUAGE 211: Second Year Foreign Language I		3	
	Focus C: Human Actions, Values, and Ethics - Missouri Constitution course		3	
	Chem Elective (300/400)		1	

Year 4 Medical Courses

	MEDICINE 9401: Year 4 Internal Medicine Docent Rotation		10	Students must pass 2 or the following 3 to take Pharmacology: Pathology I & II, Medical Microbiology, Medical Neurosciences.
	MEDICINE 9408: Pharmacology		10	
	MEDICINE 9471: Family Medicine		5	

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MEDICINE 9472: Behavioral Science	5	
MEDICINE 9482: Patient Physician Society I (Fall)	2	
MEDICINE 9484: Patient Physician Society II (Spring)	2	
MEDICINE 9483: Continuing Care Clinic II	5	
MEDICINE 9485: Ambulatory Care Pharmacology (online)	2	

Year 5 Medical Courses

MEDICINE 9501: Year 5 Internal Medicine Docent Rotation	10	Must pass USMLE Step I exam to take Year 5 coursework
MEDICINE 9503: Pediatric Rotation	10	
MEDICINE 9505: Surgery Rotation	10	Must have 2.8 cumulative GPA to promote to Year 5
MEDICINE 9506: Obstetric & Gynecology Rotation	10	
MEDICINE 9570: Family Medicine Preceptorship	5	Must complete ETS Proficiency Profile (EPP) exam by the end of Year 5
MEDICINE 9571: Psychiatry Rotation	5	
MEDICINE 9583: Continuing Care Clinic III	5	
MEDICINE 9585: Prescribing Special Populations (online)	2	

Year 6 Medical Courses

MEDICINE 95XX: Medical Humanities Elective	5	Medical Humanities Elective can be taken in Year 5 or 6
MEDICINE 9601: Year 6 Internal Medicine Docent Rotation	10	
MEDICINE 9683: Continuing Care Clinic IV	5	Students must Pass USMLE Step II CK by December 31 and USMLE Step II CS exam by November 30 of their last year.
MEDICINE 9685: Safe and Rational Prescribing (online)	2	
MEDICINE 9678: Emergency Medicine	5	Must have 2.8 cumulative GPA to promote to Year 6
MEDICINE 98XX-99XX: Clinical Elective	5	
MEDICINE 98XX-99XX: Clinical Elective	5	
MEDICINE 98XX-99XX: Clinical Elective	5	Clinical Electives must be from three of nine different categories—one must be categorized as “critical care”. Most students have time for additional clinical and/or research electives.

Graduation Requirements Summary

Total Hours (120 minimum)	Total Hours at UMKC (30 hours min)	Major GPA	UMKC GPA
120 min for undergrad	30 minimum for undergraduate degree	2.8	2.8

Other Information

Non-course requirements

Met

- RooWriter Assessment
- ETS Proficiency Profile (EPP) exam
- USMLE Step I
- USMLE Step II CK
- USMLE Step II CS

All students completing an undergraduate degree must meet the following conditions in order to graduate and be

recommended for graduation or certification:

- Student pursuing the BLA must also complete a minor

Policy

The School of Medicine and College of Arts and Sciences 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.

Advising Contact Information

Academic Advisors:

Years 1 and 2 Student Affairs Office—School of Medicine

816-235-1344

<http://www.med.umkc.edu>

Career Opportunities

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

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