

UNIVERSITY OF LOUISVILLE

Pre-medical Requirements and Resources

**Information provided by the U of L Post-bac Pre-med Program*

- Pre-med requirements for the U of L School of Medicine have been updated as of June 2020, <https://louisville.edu/medicine/admissions/app-process/complete-prerequisites>.
- Review the [Technical Standards](#) required for the U of L School of Medicine.
- To check for course equivalency from other schools go to [TES](#) (Transfer Evaluation System)

Admissions requirements may vary between medical schools; check at your other schools of interest.

Course	Course Title	Credit Hours
Biology 240	Unity of Life	3
Biology 242	Diversity of Life	3
Biology 241	Experimental Biology 1 Lab	1
Biology 243	Experimental Biology 2 Lab	1
Biology 329	Cellular and Molecular Biology	3
Please note: Bio 244 - Principles of Biology lab has been replaced with Bio 241 and Bio 243 effective in the fall 2021 semester. Summer 2021 is the last semester Bio 244 is offered.		
Chemistry 201	General Chemistry I	3
Chemistry 207	Chemical Analysis Lab I	1
Chemistry 208	Chemical Analysis Lab II	1
Chemistry 202	General Chemistry II	3
Chemistry 209	Chemical Analysis Lab III	1
Chemistry 341	Organic Chemistry 1	3
Chemistry 342	Organic Chemistry 2	3
Physics 221	Fundamentals of Physics I	3
Physics 223	Fundamentals of Physics I Lab	1
Physics 222	Fundamentals of Physics II	3
Physics 224	Fundamental of Physics II Lab	1
English 101	Introduction to College Writing	3
English 102	Intermediate College Writing	3
BIOCHEMISTRY IS REQUIRED		
Choose one of the biochemistry courses below. <i>Chem 445 and Bio 540 encouraged for non-chemistry majors.</i>		
Chemistry 445 - Survey of Biochemistry * 3 Credit Hours	Chemistry 545 - Biochemistry 1 * 3 Credit Hours	
Biology 540 - Intermediary Metabolism *3 Credit Hours	Biochemistry 545 - Biochemistry 1 *3 Credit Hours	
Test Credit, AP or IB Credit		
If you have Advanced Placement or Test Credit in any of the required pre-med courses listed above, click here for the U of L School of Medicine's policy.		

Recommended courses for [MCAT](#) Preparation in the Psychological, Social, and Biological Foundations of Behavior Section. Statistics is also a recommended course for medical school preparation.

Psychology 201 Intro to Psychology *3 Credit Hours	Sociology 201 Intro to Sociology *3 Credit Hours
Statistics classes to consider: Bio 350- Biostatistics, Math 109- Elementary Statistics, Sociology 301 – Intro to Stats, Psychology 301- Stats for psychology, etc.	
Additional recommended upper level sciences may be taken for medical school preparation (e.g., Bio 330 Genetics and Molecular Biology, Bio 465 Principles of Physiology or other 300+ level science biology courses)	

The MCAT

Please refer to www.aamc.org/mcat for information and resources about the medical college admissions test.

Types of Medical School Websites

Allopathic Medical School	www.aamc.org
Osteopathic Medical School	http://www.aacom.org/
Caribbean Medical School	http://www.caribbeanmedicine.com/schools.htm
Naturopathic Medical School	https://aanmc.org /

Scribe Job Opportunities

Local Hospital Emergency Departments are hiring pre-health students as scribes. It's a great opportunity to gain clinical exposure! Scribe America, www.ScribeAmerica.com and ProScribe, www.ProScribeMD.com.

Helpful Contacts

U of L School of Medicine Office of Admissions	502-852-5193	Jennifer Coffey/ Tana Didelot
U of L HSC Office of Diversity & Inclusion	502-852-7159	Dr. Faye Jones/ Ryan Simpson
U of L Health & Social Justice Scholars	502-852-7159	Kiana Fields
U of L Summer Health Professions Education Prg.	502-852-5741	Katrina Elliott
	502-852-9402	Shirley Wu
	502-852-2879	Shonna Boyd Wagner
Biology Department	502-852-6771	Dr. Cynthia Corbitt, Chair
Chemistry Department	502-852-6798	Dr. Craig, Grapperhaus, Chair
Physics Department	502-852-6790	Dr. Chakram S. Jayanthi, Chair
U of L College of Arts & Sciences Advising	502-852-5502	Megan Clifton
(Pre-Health Advisors)	502-852-5502	Michelle Henderson
	502-852-5502	Joey Decker
	502-852-5502	Joshua Nelson
U of L Post-bac Pre-med Program	502-852-2712	Tonia D. Thomas
	502-852-2879	Shonna Boyd Wagner

Masters Degree in Physiology Pre-Healthcare Track	jkwell02@louisville.edu	Jennifer Wells
	dale.schuschke@louisville.edu	Dr. Dale Schuschke

Pre -med/health Student Organizations and Medical Student Organizations

U of L Chapter - Multi-cultural Association of Pre-med Students (MAPS) Advisor: Shirley Wu, Shirley.Wu@louisville.edu
U of L Chapter - Alpha Epsilon Delta (AED) Advisor: Cindy Corbitt, cynthia.corbitt@louisville.edu
U of L Chapter - Phi Delta (Phi D) Advisor: Dr. Aleeta Powe, ampowe09@louisville.edu and Dr. Mark Running, mprunn01@louisville.edu
NATIONAL MEDICAL STUDENT ORGANIZATIONS AMSA – American Medical Student Association, https://www.amsa.org/ SNMA - Student National Medical Student Association, https://snma.org/

Improving your chances for being reconsidered as a re-applicant

- Before you reapply, consult with the Director or Assistant Director of Admissions at your medical school(s) of interest and a pre-med advisor for advice on how to improve your application.
- If you need to improve your grades, consider a record enhancing [Post-Bac Program](#) or a Master's Program in the sciences: <http://louisville.edu/medicine/departments/physiology/degrees/ms-pb>.

"If you don't go after what you want, you'll never have it. If you don't ask, the answer is always no. If you don't step forward, you're always in the same place." – Nora Roberts