



UMKC Pharm.D. Program Pharmacy Elective Options

Pharmacy students must review the **UMKC School of Pharmacy Elective Policies & Procedures** document linked below before choosing electives.

UMKC School of Pharmacy Elective Policy & Procedures

Please check all course descriptions for required prerequisites prior to enrollment. Courses may not be offered every semester [i.e., may be fall only or spring only]. Check the SOP Semester Enrollment Instructions on the OSA Canvas, "Class Schedules" folder, for more information regarding availability, level requirements, and restrictions. **QUESTIONS:** Contact Pharmacy Office of Student Affairs - pharmacy@umkc.edu or 816-235-1613.

<u>YR ELIGIBLE</u>	<u>UMKC COURSE #</u>	<u>UMKC COURSE TITLE</u>	<u>CREDITS</u>
P2 – P3	PHARM 7224	Introduction to Cannabis Medicine	2.0
P2 – P3	PHARM 7228	Introduction to Veterinary Pharmacy	2.0
P2 – P3	PHARM 7231	Drug Development & Pharmaceutical Career Opportunities	2.0
P1 – P3	PHARM 7277	Zoonotic Illnesses	1.0
P3	PHARM 7282	Post-Grad Training Preparation	1.0
P2 – P3	PHARM 7289	Introduction to Contemporary & Alternative Medicine	1.0
P1 – P3	PHARM 7309	Pharm & Pharm Sciences Innovations “Nuts & Bolts”	1.0
P1 – P3	PHARM 7313	Pharmacy Career Planning & Personal Development	2.0
P2 – P3	PHARM 7324	Medication Management in Transitions of Care	1.0
P3	PHARM 7328	Aerospace and Space Toxicology	2.0
P2 – P3	PHARM 7339	Business Plan & Entrepreneurship in Community Pharmacy	2.0
P3	PHARM 7318	Introduction to Critical Care Medicine	2.0
P3	PHARM 7366	Oncology & Hematology Pharmacotherapy	3.0
P1 – P3	PHARM 7424	Introduction to Dietary Supplement Therapeutics	2.0
P1 – P3	PHARM 7427	Hospital Pharmacy	2.0
P3	PHARM 7439	Pediatric Pharmacotherapy	3.0
P3	PHARM 7381	Specialty Pharmacotherapy	2.0
P2 – P3	PHARM 7489AB	Introduction to Nuclear Pharmacy & Nuclear Medicine	2.0
P1 Spring – P3	PHARM 7497	Directed Individual Study	1.0 – 4.0
*Graduate Level Pharmacology & Pharmaceutical Sciences electives			vary
INSTITUTES & SPECIAL COURSES			
P1 – P3	PCCA Institute Pharmacy Introductory Compounding Training Class		1.0
P1 – P3	PCCA Veterinary Compounding 10 Week Training Course		1.0
P1 – P3	PCCA Veterinary Compounding 2 Day Lab Class		0.5
P2 – P3 (Summer)	APhA Institute on Alcoholism & Drug Dependencies		1.0
P2 – P3	PHA 6935 Veterinary Pharmacy		2.0
P2 - P3 (Summer)	University of IA OEH: 6110 Rural Health and Agricultural Medicine**		3.0
**At Univ of IA, you must be admitted as non-degree seeking - https://admissions.uiowa.edu/future-students/nondegree-students before you can enroll in the OEH 6110 course. Program contact is Diane Rohlman - diane-rohlman@uiowa.edu			

Note: Pharm.D. students are required to successfully complete 8 credit hours of electives during enrollment in the Pharm.D. program before starting their Advanced Pharmacy Practice Experiences (APPEs). Students are expected to complete the 8 credits of electives by the end of the spring semester of their third year. Any student not completing the elective hours as required will not be allowed to start their 4th year rotations.

Potential Elective Options Outside of the UMKC School of Pharmacy - Any UMKC, MSU, and MU class outside of the required Pharm.D. curriculum may count towards the elective requirement with prior approval. Transcripts will be required from MU (summer only) and MSU to prove successful course completion. Below you will find a list of UMKC coursework organized by interest area. This list is not exhaustive and should only be used as a tool to begin to explore elective options. NOTE: A non-exhaustive list of electives offered through

MU and MSU is located on the [School of Pharmacy Curriculum website](#). Students wishing to complete electives outside of the Pharmacy departmental offerings MUST complete and submit the following request form (https://umkc.co1.qualtrics.com/jfe/form/SV_8CC5Ar25WcWGOYC) and receive approval. Electives completed outside of the Pharmacy School will not count towards the 8.0 credit hours of electives without prior approval.

<u>UMKC COURSE #</u>	<u>UMKC COURSE TITLE</u>	<u>CREDIT HOURS</u>
BIOLOGICAL SCIENCES/CHEMISTRY		
BIOL 206	Genetics	3.0
BIOL 319	Global Health: New and Emerging Infectious Diseases	3.0
BIOL 328	Histology	2.0
BIOL 409	Developmental Biology	3.0
BIOL 431	Virology	3.0
BIOL 435	Immunology	3.0
CHEM 206	Human Nutrition	3.0
COMMUNICATION		
COMM-ST 277	Interpersonal Communication	3.0
COMM-ST 343	Group Dynamics	3.0
SOCIOL 300	Special Topic: Effective Communication with the Elderly	1.0
SPANISH 216	Spanish for Health Sciences	3.0
SPANISH 380	Spanish for Health Care	3.0
ENTREPRENEURSHIP & MANAGEMENT		
ENT 5525*	Entrepreneurship: Managing Creativity & Innovation	3.0
ENT 5535*	Small Business Management & Entrepreneurship	3.0
ENT 5545*	Entrepreneurship & New Venture Creation	3.0
MGT 5501*	International Business Environment	1.5
MGT 5507*	Human Capital Management	1.5
FINANCE & HEALTHCARE ADMINISTRATION		
FIN 5501*	Economics for Administration	3.0
HLTH-ADM 5571*	Financial Management Issues: Health & Human Services	3.0
HLTH-ADM 5577*	Health Services Admin & the Health Professions	3.0
HLTH-ADM 5578*	The Evaluation & Control of Health Services	3.0
BIOINFORMATICS		
MEDB 5501*	Biostatistics I	3.0
MEDB 5520*	Introduction to Medical Informatics	3.0
PSYCHOLOGY/SOCIOLOGY/HEALTH SCIENCES		
HLSC 300	Diversity in Health	3.0
HLSC 315	Health Literacy	1.0
PSYCH 323	Theory & Methods of Personality	3.0
PSYCH 331	An Introduction to Health Psychology	3.0
PSYCH 405	Motivation and Emotion	3.0
PSYCH 418	Brain & Behavior	3.0
PSYCH 433	Psychological Perspectives on Mental Health	3.0
PSYCH 440	The Psychology of Aging	3.0
SOCIOL 201	Introduction to Social Psychology	3.0
SOCIOL 300	Special Topics Courses	1 – 3.0
SOCIOL 316	Sociology of Death and Dying	3.0

**Denotes a Graduate Level course. Graduate level course enrollment requires permission from the School of Pharmacy and completion of the Request to Take a Graduate Level Course Form. Students admitted to the MBA or Bioinformatics program do not need to complete this form.*