

## UMKC Doctor of Pharmacy Professional Electives at Mizzou

The following courses may be taken at any time after entry in the Doctor of Pharmacy program as long as prerequisites and restrictions are met. These courses are not offered every semester. See myZou for times, prerequisites and restrictions. Of the 10 required professional electives credits no more than five credit hours can come from courses outside the School of Pharmacy.

**Courses completed prior to entry in the Doctor of Pharmacy program will not count toward professional elective requirement.**

<b>Course Names &amp; Titles</b>	<b>Prerequisites and Restrictions</b>
<b>MU Courses listed in bold</b>	<b>Check myZou for up-to-date pre-reqs &amp; restrictions</b>
<b>Courses that count as INSIDE the Pharmacy School</b>	
1. <b>Nutr Sci 2380 Diet Therapy for Health Professionals (3)</b>	Jr. Standing
2. <b>Nuc Med 1000 Orientation to Nuclear Medicine (1)</b>	Consent Required
3. <b>HP 4300 Health Care in the United States (3)</b>	
<b>Courses that count as OUTSIDE the Pharmacy School</b>	
1. Biol 328 Histology with/lab 4.0	
<b>Bio Sci 4990 Vertebrae Histology and Microscopic Anatomy (5)</b>	jr. standing, Bio Sci 2300 Cell Biology, Bio Sci 3700 Animal Physiology
2. Biol 331 Reproductive Biology 3.0	
<b>Bio Sci 4984 Mammalian Reproductive Biology (3)</b>	jr. standing and 15 hours of biological sciences
3. Biol 409 Developmental Biology 3.0	
<b>Bio Sci 4972 Developmental Biology</b>	BIO SCI 2200 Genetics, BIO SCI 2300 Cell Biology, Chem 2100 Org Chem I
4. Biol 206 Genetics 3.0	
<b>Bio Sci 2200 General Genetics (4)</b>	BIO SCI 1500 - Intro to Biological Systems, CHEM 1320 General Chem II
5. Chem 330 Physical Chemistry 3.0	
<b>Chem 3300 Fundamentals of Physical Chemistry (3)</b>	Math 1700 Calculus II, Physics 1210 Physics I and Physic 1120 Physics II
6. Chem 206 Human Nutrition 3.0	
<b>Nutr S 2340 Human Nutrition I (3)</b>	Org Chem, Med Pharmacology, Physiology 3202 or instructors consent
7. Econ 202 Introduction to Economics II 3.0	

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<b>Econ 1014 Principles of Microeconomics (3)</b>	not open to students who have completed Econ 1021 Fund of Micro, Econ 1051 Gen Econ or Econ 4332 Micro for Mgrs
8. Econ 302 Microeconomic Analysis (ECON 202 is a prerequisite) 3.0	
<b>Economics 4351 Intermediate Microeconomics (3)</b>	Econ 1014 Principles of Microeconomics
9. LSMic 435 Immunology (3)	
<b>Microb 4304 Immunology (3)</b>	Microb 3200 or Biochem 4270 Recommended/Instructor Consent Required
10. Psy 270 Compulsive Gambling and Other Addictions (3)	
<b>Psych 2220 Drugs and Behavior (3)</b>	Psych 1000 General Psychology
11. Phil 400CO Issues of Death & Dying 3.0	
<b>Social 4300 Death and Dying (3)</b>	jr. standing or instructors consent
12. Psy 331 Intro to Health Psychology 3.0	
<b>Psych 3830 Health Psych (3)</b>	Psych 1000 General Psych
13. Psy 433 Abnormal Psychology 3.0	
<b>Psych 2510 Survey of Abnormal Psychology (3)</b>	Psych 1000 General Psych (student may not receive credit for Psych 2510 and 4530 Research in Psychopathology)
14. Psy 450 Psychology of Aging 3.0	
<b>Psych 4410 Psychology of Aging (3)</b>	Psych 1000 General Psych and Psych 2410 Child Psych
15. Psy 305 Psychology of Women 3.0	
<b>Psych 4830 Psychology of Women (3)</b>	Psych 1000
16. HA 571 Financial Mgmt Issues in Health & Human Services 3.0	
<b>HMI 8472 Financial Mgt for Health Care Organizations</b>	Graduate Status Prereq: Accounting and Finance
17. BMA 535 Small Business Management & Entrepreneurship 3.0	
<b>Mangmt 4650 Entrepreneurship Theory and Practice (3)</b>	Mangmt 3000 Fundamentals of Management
18. Nurs 430 The Experience of Health in Aging 3.0	
<b>Nurse 3870 Gerontological Nursing Care (3)</b>	Nurse 3270 Foundations of Nursing

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19. CPD 4955 An Introduction to Research (2)	
20. <b>CPD 4480 Ethics for the Clinician (3)</b>	Restricted to HP Students. May be taken concurrently with Pharm 7414 or after.
21. <b>Mangmt 3000 Fundamentals of Management (3)</b>	Prerequisite: Completed 45 semester hours. Evening exams in lieu of regularly scheduled class.
22. Psy 322 Child Psychology	
<b>Psych 2410 Developmental Psychology (3)</b>	Prereq: Completion of Pysch 1000 w/ grade of C or above.
23. <b>Phil 4510 - 01 Medical Ethics (3)</b>	Prereq: Junior Standing