

PHARM D./M.B.A. DUAL DEGREE

The PharmD./M.B.A. program provides an opportunity to earn a dual degree through an integrated curriculum. Successful completion of the dual degree program leads to the awarding of two degrees. The PharmD. Degree is awarded by the College of Pharmacy and Pharmaceutical Sciences, and the M.B.A. degree is awarded by the John B. and Lillian E. Neff College of Business and Innovation. Students enrolled in the dual degree program can receive the PharmD. or M.B.A. degree independently. The M.B.A. degree requires a minimum of 33 credit hours at the 6000 level. Up to an additional 18 credit hours may be required if a student does not have an academic background in business.

Students applying for the PharmD./M.B.A. program must have earned a bachelor's degree. A student must apply and be admitted to the College of Pharmacy and Pharmaceutical Sciences and the John B. and Lillian E. Neff College of Business and Innovation separately to be admitted to the PharmD./M.B.A. dual degree program. The PCAT will be accepted by the College of Business and Innovation in lieu of GMAT scores. If the PCAT is waived, the GMAT will also be waived.

Admission to one program does not guarantee admission to the other program. Refer to the College of Pharmacy and Pharmaceutical Science (<http://utoledo-public.courseleaf.com/graduate/pharmacy-pharmaceutical-sciences/>) and M.B.A. sections of this catalog for specific admission standards for each program.

Admission to one program does not guarantee admission to the other program. There are separate applications and fees for each program. Students apply and are admitted to the PharmD program after two years of preparatory course work in chemistry, calculus, biology, organic chemistry, physics, and physiology. Students apply for entry into the 4-year professional PharmD program in their Sophomore year. In the first year in the PharmD program, the student's junior year, they would begin their coursework towards the M.B.A. by completing the undergraduate level equivalent Common Body of Knowledge course requirements. Students interested in declaring a business minor would contact the COBI Undergraduate Advisors in the Undergraduate Student Services Center. Students in the PharmD program graduate after the first two professional years, four years of higher education, with a BS in Pharmaceutical Sciences.

PharmD students complete their last two years of the PharmD program at the graduate level. Up to 18 additional credit hours may be required if a student does not have the Common Body of Knowledge courses completed with a grade of C or higher. Once a student is admitted and enrolls at the graduate level, the Common Body of Knowledge courses must be taken at the Graduate level. Students are not permitted to enroll in and apply undergraduate courses toward MBA degree requirements. Up to three College of Pharmacy and Pharmaceutical Science courses will serve as M.B.A. electives. The nine credit hours of elective course work will be fulfilled by (2) APPE rotations from the Management, Leadership, or Administration Track and (1) IPPE rotation from the Management, Leadership, or Administration Track. Students in the dual degree program will earn their MBA in Administration. The following

table identifies each M.B.A. course and describes how the student will complete the work.

M.B.A. Pre-requisites

Code	Title	Hours
Common Body of Knowledge		
Courses Take by Pharm D Students		
BUAD 2040 & BUAD 2050	Financial Accounting Information and Accounting For Business Decision-Making	3
BUAD 3040	Principles Of Financial Management	3
ECON 1150 & ECON 1200	Principles Of Macroeconomics and Principles Of Microeconomics	3
BUAD 3010	Principles Of Marketing	3
Select one of the following:		
PHPR 4530	Evidence Based Medicine 1	
PHPR 4540	Evidence Based Medicine 2	
Any Statistics I equivalent course		
BUAD 3020	Principles Of Manufacturing And Service Systems	3

M.B.A. Curriculum

Code	Title	Hours
MBA Core Courses		
BUAD 6100	Accounting For Decision Making	3
BUAD 6200	Corporate Finance	3
BUAD 6300	Strategic Marketing And Analysis	3
BUAD 6400	Results-Based Management	3
BUAD 6500	International Business	3
BUAD 6600	Supply Chain Management	3
BUAD 6800	Information Technology And E-Business	3
BUAD 6900	Strategic Management Capstone	3
Electives		
PHPR 8940	Clinical Clerkship	4
PHPR 8940	Clinical Clerkship ((Advanced Pharmacy Practice Experience))	4
PHPR 6920	Introductory Pharmacy Practice Experience 5	1

This plan of study would result in the student having a M.B.A. major in Administration. Students seeking a double major would be required to successfully meet the requirements set forth for each major.

The following table displays a potential matriculation pathway for this dual degree program.

Potential Matriculation Pathway

Year	Fall Semester	Spring Semester	Summer Semester
1	Pre-prof Pharmacy Courses	Pre-prof Pharmacy Courses	
2	Pre-prof Pharmacy Courses	Pre-prof Pharmacy Courses	

Application and admission into the PharmD degree

3	PharmD Coursework	PharmD Coursework	BBA Coursework
4	PharmD Coursework	PharmD Coursework ¹	4 M.B.A. courses
		1 BBA course	
5	PharmD Coursework	PharmD Coursework	M.B.A. Coursework
	2 M.B.A. course	1 M.B.A. course	
6	APPE Experiences	APPE Experiences	

¹ Students graduate with BSPS degree after the Spring semester year 2 (Fourth Term).

BBA - Bachelors of Business Administration
 M.B.A. - Masters of Business Administration

Participate in experiences and interactions with patients, pharmacists, pharmacy techs and other health care providers in community, institutional, and other pharmacy or healthcare settings.