

PHARMACY, PHARMD/MBA DUAL DEGREE PROGRAM

The Doctor of Pharmacy (PharmD) degree program at Roosevelt University is designed to prepare pharmacists to work in various healthcare settings. Through academic coursework that includes the current MBA prerequisite, core, and concentration courses, PharmD students can complete a dual PharmD/MBA program. There is a demand for an MBA (<https://www.roosevelt.edu/academics/programs/masters-in-business-administration-mba/>) degree from PharmD students at Roosevelt University. This Dual Degree program will encourage and allow PharmD students to customize their management education in the direction of their specific interests and career aspirations. The PharmD/MBA dual degree can be accomplished using the existing core courses and concentration courses.

Admission

Students must complete a PharmD/MBA Dual Degree interest form no later than Spring Term 4 in the Pharmacy program curriculum for enrollment in Summer Term 5 HCB courses. Completion of the interest form enables students to take HCB courses while enrolled in the Pharmacy program as listed in the course map.

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Students must apply to Heller College of Business no later than Spring Term 4 of Doctor of Pharmacy curriculum for enrollment in Summer Term 5 HCB courses. For students who have not earned a bachelor's degree, admission to the MBA program in Heller College of Business will be contingent on the successful completion of PharmD. This contingent admission enables students to take HCB courses before completion of the PharmD as listed in the course map.

Code	Title	Credit Hours
CORE Pharmacy Courses		
PHAR 510	BIOCHEMISTRY I	4
PHAR 519	PHARMACEUTICS I: CALCULATIONS	2.5
PHAR 514	PATHOPHYSIOLOGY I	4.5
PHAR 551	HEALTH CARE SYSTEMS	3
PHAR 500	INTRODUCTION TO PROFESSIONAL DEVELOPMENT	1
PHAR 505	IMMUNIZATION CERTIFICATION	1.5
PHAR 511	BIOCHEMISTRY II	4
PHAR 520	PHARMACEUTICS I: DRUG DELIVERY	4
PHAR 552	BIOSTATISTICS AND PHARMACO	3
PHAR 570	PROFESSIONAL PRACTICE I	3
PHAR 601	PC:SELF-CARE & NON-RX THER	4
PHAR 527	PROFESSIONAL DEVELOPMENT AND LEADERSHIP I	0.5

PHAR 512	CLINICAL MICROBIOLOGY & IMMUNOLOGY	4
PHAR 521	PHARMACEUTICS II	3
PHAR 530	PRINCIPLES OF DRUG ACTION	4
PHAR 554	DRUG LITERATURE EVALUATION	3
PHAR 554	DRUG LITERATURE EVALUATION	3
PHAR 523	PHARM CARE:INTRO TO HEALTH COM	4
PHAR 528	PROFESSIONAL DEVELOPMENT AND LEADERSHIP II	0.5
PHAR 522	PHARMACEUTICS III	3
PHAR 531	INTEGRATED SEQUENCE: IMMUNOLOGIC, RHEUMATOLOGIC, AND PULMONARY DISORDERS	4.5
PHAR 532	INTEGRATED SEQUENCE: ENDOCRINE SYSTEMS	4.5
PHAR 650	PRACTICE MANAGEMENT	3
PHAR 529	PROFESSIONAL DEVELOPMENT AND LEADERSHIP III	0.5
PHAR 630	INTEGRATED SEQUENCE: RENAL AND GENITOURINARY SYSTEMS	4.5
PHAR 631	INTEGRATED SEQUENCE: CARDIOVASCULAR SYSTEMS	5.5
PHAR 657	PUBLIC HEALTH/HEALTH POLICY	3
PHAR 571	PROFESSIONAL PRACTICE II & IPP	3
PHAR 627	PROFESSIONAL DEVELOPMENT AND LEADERSHIP IV	0.5
PHAR 632	INTEGRATED SEQUENCE: GASTROINTESTINAL AND HEPATOBILIARY SYSTEMS	4
PHAR 633	INTEGRATED SEQUENCE: INFECTIOUS DISEASES	5
PHAR 652	HEALTH ECONOMICS & OUTCOMES	3
PHAR 602	PC:STERILE PROD	2
PHAR 572	PROF PRACTICE III & IPPE	3
PHAR 628	PROFESSIONAL DEVELOPMENT AND LEADERSHIP V	0.5
PHAR 634	INTEGRATED SEQUENCE: NEUROLOGIC DISORDERS	4.5
PHAR 635	INTEGRATED SEQUENCE: PSYCHIATRIC AND BEHAVIORAL CONDITIONS	4.5
PHAR 550	PHARMACY LAW	3
PHAR 603	PC:APPLIED CLINICAL SKILLS	2
PHAR 670	PRF. PRACTICE IV AND IPPE	3
PHAR 629	PROFESSIONAL DEVELOPMENT AND LEADERSHIP VI	0.5
PHAR 636	INTEGRATED SEQUENCE: HEMATOLOGIC AND ONCOLOGIC DISORDERS	4.5
PHAR 637	INTEGRATED SEQUENCE: SPECIAL PATIENT POPULATIONS/CONDITIONS	4.5
PHAR 604	PHARMACEUTICAL CARE: ADVANCED DISEASE STATE MANAGEMENT	3.0
PHAR 640	THERAPEUTIC DRUG MONITORING	3
PHAR 770	ADVANCED PATIENT CARE - COMMUNITY	8

PHAR 771	ADVANCED PATIENT CARE - HOSPITAL	8
PHAR 772	ADVANCED PATIENT CARE-AMBULATORY CARE	8
PHAR 773	ADVANCED PATIENT CARE-ACUTE CARE MEDICINE	8
PHAR 774	APPE ELECTIVE ROTATION I	8
PHAR 775	APPE ELECTIVE ROTATION II (Elective for MBA, Elective rotation for PharmD, counts toward required hours)	8
Required - 3 Credit Hours Elective Course in Pharmacy		3
MBA Courses		
ACCT 405	ACCOUNTING FOR EXECUTIVES	3
MGMT 403	STATISTICS FOR BUSINESS DECISIONS	3
INFS 401	INFORMATION RESOURCE MANAGEMENT	3
MGMT 423	PEOPLE MANAGEMENT AND ORGANIZATIONAL BEHAVIOR	3
FIN 408	FINANCE FOR DECISION MAKERS	3
Concentration 1 Course		
Concentration 2 Course		
Concentration 3 Course		
MGMT 489	STRATEGIC MANAGEMENT – SINGLE BUSINESS ORGANIZATIONS	3
MKTG 406	MARKETING STRATEGY: THEORY & PRACTICE	3

Pharmacy Business Management Certificate 15 semester credit hours

Certificate

The following courses from the Pharmacy program will count toward the certificate for a total of 6 semester credit hours:

Code	Title	Credit Hours
PHAR 650	PRACTICE MANAGEMENT	3
PHAR 652	HEALTH ECONOMICS & OUTCOMES	3
PHAR 657	PUBLIC HEALTH/HEALTH POLICY	3
APPE management 240 hours		3

The following courses will need to be taken from the College of Business for a total of 6 semester credit hours:

Code	Title	Credit Hours
ACCT 405	ACCOUNTING FOR EXECUTIVES	3
MGMT 423	PEOPLE MANAGEMENT AND ORGANIZATIONAL BEHAVIOR	3

Both courses offered on the SCH campus in the Summer.

In addition, students participating in the certificate program may be given preference for APPE management and administration electives.

Benefits

- Students who earn the certificate will have 15 of 33 hours to apply toward an MBA if they choose to continue.
- It will serve as the basis of a 3.5-year dual degree option for a PharmD/MBA.

- Based on the information provided by the Pharmacy Program Advisory Committee – **one of the greatest needs they see in new grads is to have a greater understanding that pharmacy is a business.**
- By offering the certificate and dual degree, it will set Roosevelt University Pharmacy Program apart from its other nearby 3 year PharmD competitors MWU and MCW, which do not have the ability to offer this type of certificate/degree.
- Assist our graduates in standing out in the job market.

Your degree map is a general guide of courses to complete each term on the academic pathway to your degree. It is based on the most current scheduling information from your academic program. Your program's degree map is reviewed annually and updated as schedules change.

Year 1

Summer	Credit Hours	Fall	Credit Hours	Winter	Credit Hours	Spring	Credit Hours
PHAR 500	1	PHAR 511	4	PHAR 512	4	PHAR 522	3
PHAR 50	1.5	PHAR 52	4	PHAR 52	3	PHAR 52	0.5
PHAR 510	4	PHAR 527	0.5	PHAR 528	0.5	PHAR 531	4.5
PHAR 51	2.5	PHAR 55	3	PHAR 53	4	PHAR 53	4.5
PHAR 514	4.5	PHAR 570	3	PHAR 554	3	PHAR 650	3
PHAR 55	3	PHAR 60	4	PHAR 52	4		
16.5		18.5		18.5		15.5	

Year 2

Summer	Credit Hours	Fall	Credit Hours	Winter	Credit Hours	Spring	Credit Hours
Pharmacy Elective Courses		PHAR 571	3	PHAR 572	3	PHAR 550	3
ACCT 405	3	PHAR 62	0.5	PHAR 60	2	PHAR 60	2
MGMT 423	3	PHAR 630	4.5	PHAR 628	0.5	PHAR 634	4.5
		PHAR 63	5.5	PHAR 63	4	PHAR 63	4.5
		PHAR 657	3	PHAR 633	5	PHAR 670	3
		Elective	3	PHAR 65	3	PHAR 62	0.5
				Elective	3	Elective	3
6		19.5		20.5		20.5	

Year 3

Summer	Credit Hours	Fall	Credit Hours	Winter	Credit Hours	Spring	Credit Hours
PHAR 604	3	PHAR 770	8	PHAR 772	8	PHAR 774	8
PHAR 63	4.5	PHAR 77	8	PHAR 77	8	PHAR 77	8
PHAR 637	4.5					PHAR 777	1
PHAR 64	3						
15		16		16		17	

Year 4

Summer	Credit Hours	Fall	Credit Hours
MGMT 403	3	FIN 408	3
INFS 401	3	Concentration Course #2	3
Concentration Course #1	3	Concentration Course #3	3
		MGMT 406	3

ACCT 405	3
MGMT 401	3
MKTG 406	3
9	21

Total Credit Hours 229.5