

**DOCTOR OF PHARMACY  
and  
MASTERS OF BUSINESS ADMINISTRATION**

JOINT DEGREE PROGRAM

**University of Florida**

**College of Pharmacy  
College of Business**

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## **JOINT PHARM.D./MBA DEGREE PROGRAM**

### **OBJECTIVES**

The goal of the joint Pharm.D./MBA program is to educate students to assume responsibilities as executives and administrators in pharmaceutical industry and in health care delivery systems that provide pharmaceutical care to patients. The program is directed toward providing didactic and experiential education to students that will allow them to: (1) understand the major administrative functions in organizations delivering pharmaceutical products and care to patients; and, (2) design strategies and policies to cope with the changing health care environment.

The principal objective of the MBA program is to prepare students for successful careers in management positions in business and administration. The curriculum is structured so that students may extend their knowledge in a specialized field (e.g., entrepreneurship, finance, marketing, human resource management, global management, decision and information sciences,). The MBA degree program is designed to give students (1) conceptual knowledge for understanding the functions and behaviors common to all organizations and (2) the analytical, problem-solving, and decision-making skills essential for effective management.

### **PROGRAM DESCRIPTION**

Candidates for this program must first meet the entrance requirements and procedures for the Doctor of Pharmacy degree program in the College of Pharmacy. Students may apply to the MBA program in the Graduate School of Business after successful completion of their first professional year in pharmacy. The Admissions Committee for the MBA Programs reviews and selects students for admission to the joint degree program. The concurrent degree program allows students to obtain both degrees in five years after the two years of prepharmacy coursework. The program is not open to students who have already earned one of the degrees. A student must satisfy the curriculum requirements for each degree.

Participants must begin their studies in the College of Pharmacy and complete the first two years of the Doctor of Pharmacy curriculum. The third year requires courses in Business Administration. During the fourth and fifth year students may register in both colleges concurrently.

The joint degree curriculum provides for a total of 48 credits required for the MBA degree, 36 credits taken within the College of Business and 12 credits taken within the College of Pharmacy which are credited toward both degrees.

The program design recognizes the importance of the various functional areas of management and the high probability that the career of a successful manager will span many functions. It provides a broad foundation of study covering all aspects of management, plus an opportunity to develop extensive knowledge in at least one of several areas.

The program is not oriented around a single teaching method; rather, courses are taught using the method most effective for communicating their basic content. For example, managerial courses such as marketing and business policy use the case method, while more conceptual courses such as quantitative methods and economics use a lecture-discussion format. Still other courses use experiential exercises, computer simulations and fieldwork. All MBA courses are offered in eight-week modules, two modules per semester. In all courses, the MBA program strives to maximize student-professor dialogue through dynamic and interactive teaching.

## **ADMISSION REQUIREMENTS**

Admission to the Florida MBA Program is very selective. In reviewing applications, the Admissions Committee looks for evidence of intellectual ability, managerial promise and community involvement. Strong interpersonal skills, communication ability, motivation, maturity, career focus and leadership potential are also important qualities in prospective students. Two years of full time post-baccalaureate work experience is required of all applicants.

The Admissions Committee in the Graduate School of Business reviews the candidate's academic record, scores on the Graduate Management Admission Test (GMAT), and work experience. In addition, the committee considers maturity and personal qualities of leadership as indicated by the applicant's letters of recommendation and other activities. Applicants are strongly encouraged to submit letters of recommendation from employers. Written essays are required and an interview may be necessary.

There are no specific prerequisite course requirements, although some background in statistics, calculus, and financial accounting may be helpful.

Interested pharmacy students should review information on the MBA program provided at the following web site: [www.floridamba.ufl.edu](http://www.floridamba.ufl.edu).

New students are accepted for the MBA program in the fall semester only. The recommended application deadline is May 15 of the year students wish to begin the MBA program of studies. The University of Florida MBA Program uses a rolling admissions process by which applications are considered as they are received. Applicants are highly encouraged to apply as early as possible. Specific procedures and deadlines are outlined in an application form, which can be obtained from the web site.

Pharmacy students should express their interest in this program during the first professional year and seek the advice and direction of the faculty member in the Department of Pharmacy Health Care Administration who serves as a Program Coordinator for the joint degree curriculum with the Graduate School of Business. Students should maintain regular contact with the Program Coordinator in the College of Pharmacy. The support and endorsement of the Department of Pharmacy Health Care Administration for the student's application is required by the College of Pharmacy.

Applicants who have at least a 3.2 grade point average and a Graduate Management Admission Test (GMAT) score greater than 640 are especially encouraged to apply. Applicants may take the GMAT at any time prior to applying for the program in the second professional year of the Doctor of Pharmacy program. Applicants for admission must submit satisfactory scores on the GMAT as well as transcripts for all previous academic work.

Students must petition the Academic Performance Committee in the College of Pharmacy for the opportunity to begin the MBA program after the third professional year of studies in the Doctor of Pharmacy program.

## **GMAT**

The Graduate Management Admission Test is a nationally standardized skills test available anytime of the year at test centers throughout the world. Business schools use test scores to help evaluate candidates' reading, reasoning, and problem-solving abilities. The GMAT is a standardized assessment. Each individual test that is administered contains the same format and areas of content. The test is comprised of three main sections: analytical writing, quantitative reasoning, and verbal reasoning.

It is recommended that applicants take the GMAT any time during the year prior to their year of admission. Details regarding the GMAT can be obtained at <http://www.gmac.com>.

## **VISITS AND INTERVIEWS**

A campus visit and interview is not a necessary part of the admission process. An appointment can be made through the MBA admissions office to discuss any aspect of the program or the admission process by contacting: Director of Admissions, MBA Program, 134 Bryan Hall, Graduate School of Business, Box 117152, University of Florida, Gainesville, FL 32611-7152 (Phone: 352-392-7992).

## PharmD/MBA CURRICULUM

### FIRST PROFESSIONAL YEAR IN PHARMACY

#### **Fall Semester (17 credits)**

Introduction to Pharmacy Health Care (3)  
Dosage Forms I (3)  
Physiological Basis of Disease I (5)  
Clinical Biochemistry (4)  
Fundamentals of Medicinal Chemistry (1)  
Practicum I (1)

#### **Spring Semester (17 credits)**

Structure & Function of Nucleotides:  
Basis of Therapy (2)  
Dosage Forms II (2)  
Physiological Basis of Disease II (5)  
Microbiological & Immunological  
Basis of Therapy (4)  
Basic Principles of Pharmacology (1)  
Pharmacotherapy I (2)  
Practicum II (1)

### SECOND PROFESSIONAL YEAR

#### **Fall Semester (18 credits)**

Pharmacotherapy II (5)  
Pharmacological Basis of Therapeutics I (4)  
Intro. Quantitative Methods in  
Pharmacy\* (3)  
Medicinal Chemistry I (3)  
Dose Optimization I (2)  
Practicum III (1)

#### **Spring Semester (17 credits)**

Pharmacotherapy III (5)  
Pharmacological Basis of Therapeutics II (4)  
Professional Communications\* (2)  
Medicinal Chemistry II (3)  
Dose Optimization II (2)  
Practicum IV (1)

### THIRD PROFESSIONAL YEAR

#### **Fall Semester (14 credits)\*\***

Fall Module 1 (Fall)  
Financial Accounting (2)  
Managerial Accounting (2)  
Intro to Managerial Statistics (2)  
Managing Groups & Teams (1)  
  
Module 2 (Fall)  
Managerial Accounting (2)  
Organizational Behavior (2)  
Advanced Managerial Statistics (2)  
Developing Leadership Skills (1)

#### **Spring Semester (14 credits)\*\***

Module 3 (Spring)  
Problems & Methods in Marketing Mgmt. (2)  
Open Economy Macroeconomics (2)  
Finance I (2)  
Professional Writing (1)  
  
Module 4 (Spring)  
Managers & the Legal Environment (2)  
Production & Operations Mgt. (2)  
Finance II (2)  
Professional Communication (1)

\*\*Each business course is an eight-week module of study.

FOURTH PROFESSIONAL YEAR

**Fall Semester (18 credits)**

Pharmacotherapy IV (3)  
Pharmaceutical Skills Lab I (2)  
Evidenced-Based Pharmacy (4)  
Drug Therapy Monitoring &  
Pharmacogenomics (2)  
Legal & Org. Environment of  
Medicines Use\* (3)  
Dosage Forms & Contemporary  
Pharmacy Practice (2)  
MBA Elective (2)

**Spring Semester (17 credits)**

Weeks 1-8  
Pharmacotherapy V (3)  
Pharmaceutical Skills Lab II (1)  
Clinical Appraisal of Pharmacoeconomic  
Studies (1)  
MBA Electives (4)  
  
Weeks 9-16  
Clerkships\*\* (8)

FIFTH PROFESSIONAL YEAR

**Summer (12 cr.)**

Clerkships\*\* (12)

**Fall (16 cr.)**

Clerkships\*\* (16)

**Spring Semester (16 cr.)**

Weeks 1-8  
Clerkships\*\* (8)  
  
Weeks 9-16  
Pharmacotherapy VI (2)  
Herbal Medicines (2)  
Strategic Management (2)  
MBA Elective (2)

\*These courses are dual counted (required for the Pharm.D. degree; electives for the MBA degree).

\*\* Four clerkships of the nine required can be administrative/management focused with one of these counting toward the MBA degree as an elective.

## SUMMARY – JOINT CURRICULUM COURSEWORK

### **MBA Required Coursework**

Financial Accounting	2 cr.
Managerial Accounting	2 cr.
Introduction to Managerial Statistics	2 cr.
Managing Groups and Teams	1 cr.
Managerial Accounting	2 cr.
Organizational Behavior	2 cr.
Advanced Managerial Statistics	2 cr.
Developing Leadership Skills	1 cr.
Problems & Methods in Marketing Mgmt.	2 cr.
Open Economy Macroeconomics	2 cr.
Finance I	2 cr.
Professional Writing	1 cr.
Managers and the Legal Environment	2 cr.
Finance II	2 cr.
Professional Communication	1 cr.
Strategic Management	2 cr.
<u>MBA Electives</u>	<u>6 cr.</u>
<b>TOTAL REQUIRED/ELECTIVE MBA CREDITS</b>	<b>36</b>

### **MBA Elective Coursework in the College of Pharmacy**

Professional Communications	2 cr.
Legal & Org. Environment of Medicines Use	3 cr.
Quantitative Methods in Pharmacy	3 cr.
<u>Pharmacy Management Clerkship</u>	<u>4 cr.</u>
<b>DUAL COUNTED ELECTIVES CREDITS</b>	<b>12</b>

**TOTAL CREDITS FOR MBA DEGREE** **48**

For further information: UF College of Pharmacy  
Office for Student Affairs  
PO Box 100495  
Gainesville, FL 32610-0495  
(352) 273-6217  
Email: [frontdesk@cop.ufl.edu](mailto:frontdesk@cop.ufl.edu)  
Web page: <http://www.cop.ufl.edu/studaff/mba.pdf>

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For disability assistance, call 352-392-1261 (V) or 392-3008 (TDD).

Contact the Florida Relay Service at 800-955-877 (TDD) when offices do not list a TDD.