



Combined Degree Program: PharmD/MBA

INTRODUCTION

The School of Management and the School of Pharmacy and Pharmaceutical Sciences jointly offer a six-year program leading to the doctor of pharmacy (PharmD)/Master of Business Administration (MBA) degree. The joint program reduces by one year the usual pattern of a four-year professional pharmacy doctorate program and a two-year MBA program. Each candidate must meet all the degree requirements of each school, except for the reduction in total credit hours.

The PharmD/MBA program prepares students for public leadership positions in:

Retail pharmacy administration in chain drug industry	Pharmacy benefit organizations
Ownership opportunities in independent pharmacy	Health systems pharmacy operations and supervision
Pharmaceutical manufacturing operations and marketing	Health care accreditation organizations
Human resource management in health related corporations	State and federal health regulatory agencies
Health insurance industry management	Health care business consultation

ADMISSIONS REQUIREMENTS

Admitted PharmD Students must have the following:

- Cumulative grade point average (GPA) of 3.0/4.0 in the required courses of the PharmD program at the end of the first professional year (P1)
- One semester of calculus with a grade of "B" or better or two semesters of calculus with grades of "C" or better
- Graduate Management Admission Test (GMAT) completed by the end of the first professional (P1) year
- Application to the School of Management by **June 1st** of the P1 year
- Two letters of recommendation
- Personal statement
- Foreign applicants: TOEFL examination with a minimum acceptable score of 600 on the paper-based test or 100 on the internet-based test; or demonstration of proficiency in the International English Language Testing System (IELTS). The required minimum IELTS score is 7.5 overall. The IELTS score must be dated within two years of the time the student will enroll. Only the official original IELTS score report is acceptable; photocopies are not acceptable.
- Note: Bachelor's degree is NOT required
- For PharmD admission requirements, please visit www.pharmacy.buffalo.edu/admissions_pharmd.shtml

APPLICATION PROCESS

Prospective candidates must submit separate applications and be admitted to the MBA program and to the School of Pharmacy and Pharmaceutical Sciences (SoPPS) according to the procedures and standards of the individual schools. Students may opt for the PharmD/MBA during the first professional (P1) year. Applications and instructions to the MBA program can be found at www.gradmit.buffalo.edu.

CURRICULUM

The dual degree PharmD/MBA program involves the fundamental elements of each program. All students must meet the requirements for admission to the two individual programs. Students complete the first professional year in the PharmD curriculum. The second year involves only courses in the MBA program. Coursework in both programs are taken in years three and four, followed by a fifth experiential year in both programs.



A. Year One

Fall	Credits	Spring	Credits
BCH 403 Biochemical Principles	4	MIC 301 Fundamentals of Microbiology	3
PGY 451 Human Physiology I	3	PGY 452 Human Physiology II	3
MCH 311 Chemistry of Drug Action	3	PHC 312 Physical Pharmacy	3
PHM 311 Pharmaceutical Calculations	3	PHM 430 Pharmacy Law	3
PHM 315 Pharmaceutical Care I	3	PHM 316 Pharmaceutical Care II	3
PHM 111 All School Conference	0	PHM 111 All School Conference	0
Introductory Pharmacy Practice Experience (IPPE)	1	IPPE	1
Total	17		16

B. Year Two

Fall	Credits	Spring	Credits
MGA 604 Financial Analysis and Report	3	MGF 631 Financial Management (1/2 semester)	3
MGB 601 Behavioral & Organizational Concepts	3	MGM 625 Marketing Management	3
MGE 601 Economics for Managers	3	MGS 630 Operations and Service Management	3
MGQ 606 Probability and Statistics*	3	MGG 635 Business Communications (1/2 semester)	
MGT 601 Ethics and Corporate Governance (1/2 semester)		MGO 641 Strategic Management	3
MGT 631 Financial Management (1/2 semester)		MGT 609 Management Accounting	3
Total	15		15

C. Year Three

Fall	Credits	Spring	Credits
PHC 531 Introduction to Pharmacokinetics I	4	PHC 532 Introduction Pharmacokinetics II	2
PMY 511 Principles of Pharmacology	4	PMY 512 Principles of Pharmacology	4
PHM 531 Professional Practice I	3	PHM 532 Professional Practice II	3
PHM 510 Pharmacotherapeutics I	4	PHM 511 Pharmacotherapeutics II	4
PHM 517 Pharmaceutical Care III	1	PHM 518 Pharmaceutical Care IV	1
PHM 111 All School Conference	0	PHM 111 All School Conference	0
MBA Elective	3	MBA Elective	3
IPPE	1		
Total	20		17

D. Year Four

Fall	Credits	Spring	Credits
PHM 512 Pharmacotherapeutics III	4	PHM 513 Pharmacotherapeutics IV	4
PHM 572 Managed Care Pharmacy	2	PHM 508 Pharmacy Informatics	2
PHM 519 Pharmaceutical Care V	2	PHM 509 Patient Assessment	2
PHC 533 Applied Clinical Pharmacokinetics I	2	PHM 111 All School Conference	0
PHC 517 Principles of the Human Genome, PG + BI	2	PHM 520 Pharmaceutical Care	1
PHM 608 Pharmacy Project**	2	PHM 609 Pharmacy Project**	2
MBA Elective	3	MBA Elective	3
		IPPE	1
Total	15-17		13-15

*This course will replace PHM 504 Statistics in the Pharmacy Program.

**Students are only required to take EITHER PHM 608 or PHM 609, not both.

+ Students are not required to complete a pharmacy track and electives.



E. Year Five (Experiential Year)

Six Experiential Rotations

Each rotation is for six weeks

Each rotation is worth six Hours

Courses include:

PHM 620 Inpatient Care

PHM 621 Inpatient Care Specialization

PHM 623 Outpatient Care

PHM624 Outpatient Care Specialization

PHM 630 Professional Selectives

PHM 631 Clinical Research Elective

PHM 640 Professional Experiential Elective

PHM 641 Professional Practice Elective

PHM 598 Professional Development (1 Hour- Course in the approval process)

MGX 648 MBA Internship (Internship will replace one APPE rotation)

CURRICULUM AND APPLICATION TIMELINE

Professional Year 1:

- First professional year of the PharmD program
- Complete the Graduate Management Admission Test (GMAT)
- Apply to the MBA program by June 1
- Must have a GPA of at least 3.0 upon completion

Professional Year 2:

- First professional year of the MBA program

Professional Year 3:

- Both PharmD and MBA programs

Professional Year 4:

- Experiential years of both PharmD and MBA programs
- PharmD and MBA degrees awarded

TUITION

First professional year: Undergraduate Tuition

Second professional year: MBA Tuition

Third and fourth professional year: PharmD Tuition

Fifth professional year: PharmD Tuition

For current tuition rates and fees, visit: <http://src.buffalo.edu/studentaccount/tuition.shtml>

NOTE: Curriculum and all requirements may change.