# Drexel University Catalog 2007 / 2008

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### The LeBow College of Business

Graduate business programs at Drexel University provide a high quality education which blends practice and theory. Designed to fill the needs of a diverse population, Drexel's graduate programs in business help students round out their educational requirements in a way that suits them. Students with substantial professional experience might need conceptual tools to complete their education, while others with significant course work may need on-the-job training.

Drexel's MBA program enrolls approximately 900 students representing diverse backgrounds, one-third of whom are enrolled full-time. Approximately sixty percent of the full-time students are international. These students hail from more than 40 countries in Asia, the Pacific Rim, Europe, South America and Canada.

The Bennett S. LeBow College of Business has an outstanding faculty. More than 95 percent hold the doctoral degree. With equally impressive backgrounds in business experience and scholarly publications, Drexel business faculty combine strengths in teaching and research. They also enjoy strong ties with the corporate community, serving as consultants for a range of corporations, government agencies and other organizations. Corporate and entrepreneurial leaders add to the full-time faculty by coming to campus as guest lecturers or adjunct professors.

The Bennett S. Lebow College of Business is among just 25 percent of business schools nationwide accredited by the American Assembly of Collegiate Schools of Business. This status has been granted in recognition of the College's academic standards and curricular quality, the stature of its faculty and the resources it offers.



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### M.S. in Accounting

Total credits: 57.0

Additional information for students with <u>limited background in accounting</u>, and for students intending to <u>maintain accounting skills and improve their accounting</u> <u>education</u> is listed below the degree requirements.

### **Degree Requirements**

Enterprise management courses		6.0 Credits
BUSN 501	Measuring and Maximizing Financial Performance	3.0
BUSN 502	Essentials of Economics	3.0
Required co	ore courses	12.0 Credits
ACCT 601	Managerial Accounting	3.0
ECON 601	Managerial Economics	3.0
FIN 601	Corporate Financial Management	3.0
STAT 601	Business Statistics	3.0
Required ac	ccounting courses	24.0 Credits
ACCT 622	Advanced Financial Accounting	3.0
ACCT 623	Financial Accounting Theory	3.0
ACCT 631	Advanced Managerial Accounting	3.0
ACCT 640	Auditing Theory and Philosophy	3.0
ACCT 650	Accounting Information Systems	3.0
ACCT 790	Seminar in Accounting	3.0
TAX 620	Individual Taxation	3.0
TAX 630	Corporate Taxation	3.0

### Electives\* 15.0 Credits

Additional elective courses may be acceptable with the permission of the Department Head or MS Accounting Advisor.

ACCT 620	Asset Valuation and Income Determination	3.0
ACCT 621	Liability and Equity Valuation	3.0
ACCT 636	International Accounting	3.0
ACCT 698	Special Topics in Accounting	3.0
BLAW 620	Legal Aspects of Employment	3.0 Page 3

BLAW 698	Special Topics in Business Law	3.0
ECON 610	Microeconomics I	3.0
ECON 614	Macroeconomics	3.0
FIN 649	Comparative Financial Analysis	3.0
MIS 611	Management Information Systems	3.0
MIS 641	MIS Policy & Strategy	3.0
MIS 630	Interactive Decision Support Systems	3.0
POM 601	Operations Management	3.0
POM 620	Management of Manufacturing Firms	3.0
STAT 622	Statistical Decision Theory I	3.0
TAX 611	Tax Research	3.0
TAX 615	Tax Practice and Procedure	3.0
TAX 631	Advanced Corporate Taxation	3.0
TAX 650	Estate and Gift Taxation	3.0
TAX 660	Tax Basis for Decision Making	3.0
TAX 698	Special Topics in Taxation	3.0
TAX 790	Tax Policy Seminar	3.0
MGMT 698	Business Communication	3.0
BUSN 751	Special Topics in CIE	3.0

<sup>\*</sup>At least two elective graduate courses must be in accounting (ACCT) or tax (TAX).

### Students with limited background in accounting:

Students with limited background in accounting will require a total of 60 credits to complete the program and are required to take <u>ACCT 620</u> and <u>ACCT 621</u> as electives. These courses are prerequisites to the program requirements ACCT 622, ACCT 623, and ACCT 601.

Note: ACCT 620 is only offered in the **Fall** term and ACCT 621 is only offered in the **Winter** term. Therefore, it is imperative that these prerequisite courses be taken during the first Fall and Winter term after entering the program. Students should be aware that cycling of these courses makes for difficulty in scheduling for full-time students entering in the Winter or Spring terms, since two of the three terms will pass before a fundamental prerequisite course is offered.

### Students intending to maintain accounting skills/ improve accounting education:

Students with undergraduate degrees in Accounting from AACBS accredited schools are not required to take all the ACCT 601, ACCT 620, or ACCT 621, but may begin the required accounting courses in the M.S. Accounting program immediately. Students who fulfill the waiver requirements may obtain credit from ACCT 601 as an elective toward the degree.

In addition, if the requirements for waiving 601-level graduate courses are met, students may be able to waive either FIN 601 or STAT 601. Consequently, for a student with an undergraduate degree in Accounting from an AACSB school, waiver of BUSN 501 and BUSN 502 would reduce the total number of credits to 54; a waiver of ACCT 602 would reduce the total credits to 51; a waiver of FIN 601 or STAT 601 would reduce the total number of credits to 48.



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### M.S. in Finance

Total credits: 54.0

FIN 649

FIN 650

**POM 601** 

### **Degree Requirements**

Enterprise ma	anagement courses	Credits
BUSN 501	Measuring and Maximizing Financial Performance	3.0
BUSN 502	Essentials of Economics	3.0
Required cor	e courses	
STAT 601	Business Statistics	3.0
STAT 604	Decision Sciences	3.0
ECON 601	Managerial Economics	3.0
ACCT 601	Managerial Accounting	3.0
Required fina	ance courses	
FIN 601	Corporate Financial Management	3.0
FIN 602	Advanced Financial Management	3.0
FIN 622	Financial Institutions and Markets	3.0
FIN 626	Investment Management	3.0
FIN 790	Seminar in Financial Management	3.0
or <u>FIN 794</u>	Seminar in Investments	3.0
Elective grad	uate courses (students select seven of the following courses	)*
ACCT 620	Asset Valuation and Income Determination	3.0
ACCT 621	Liability and Equity Valuation	3.0
ACCT 622	Advanced Financial Accounting	3.0
ECON 610	Microeconomics	3.0
ECON 614	Macroeconomics	3.0
	hatamatianal Farmania.	3.0
ECON 630	International Economics	0.0
ECON 630 FIN 624	Risk Management	3.0
FIN 624	Risk Management	3.0

**Comparative Financial Analysis** 

**Derivative Securities** 

**Operations Management** 

3.0

3.0

STAT 622	Statistical Decision Theory I	3.0
STAT 628	Regression and Correlation Analysis	3.0
TAX 620	Individual Taxation	3.0
TAX 630	Corporate Taxation	3.0
TAX 790	Tax Policy Seminar	3.0
BUSN 698-099	Special Topics in Business (CIE 2nd Round)	3.0

<sup>\*</sup>At least two electives must be finance courses. Courses other than those listed are acceptable with approval of the Finance Department Head or the MS Finance Advisor.

Additional specialization can be achieved by concentrating the seven electives in one of the following fields: banking, investments, or systems management.



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### **Professional MBA**

### **Goals of the MBA Program**

Drexel University's innovative, high-quality MBA program is recognized for its excellence and for its preparation of students for successful professional careers. We seek to attract and retain students with excellent undergraduate academic records and a commitment to graduate education, along with a career integrated education (CIE) focus. From its inception, Drexel has been a technology-oriented university, and we are committed to focusing our graduate curricula to reflect the importance and use of technology in both business and not-for-profit organizations.

The MBA program is designed to:

- Integrate the foundations of business, problem-solving, and decision-making skills; organization theory; and practical aspects of institutional management
- Prepare students for managerial positions in business and other institutions
- Offer specializations in various areas of management
- Capitalize on communication skills, people skills, global perspectives, technological competence, pragmatic emphasis, and ethical perspectives
- Offer students the opportunity to participate in the Career Integrated Education option, in which they hold a full-time management position for a six-month period once they have completed about half of their graduate program

### **Academic Preparation**

All applicants to master's programs in business are expected to hold a four-year baccalaureate degree or its equivalent from an accredited institution. The curriculum assumes that the student has knowledge of calculus. In addition, the curriculum assumes that students have personal access to and working knowledge of personal computers to facilitate their academic work. Please note that introductory microeconomics and introductory macroeconomics courses are prerequisites to all advanced-level courses in economics.



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### Professional MBA

Total credits (single concentration): 60.0 Total credits (dual concentration): 63.0

### Curriculum

Enterprise Management Sequence	Credit
BUSN 501 Measuring and Maximizing Financial Performance	3.0
BUSN 502 Essentials of Economics	3.0
BUSN 503 The External Environment of Business	3.0
Functional Core Sequence	
STAT 601 Business Statistics	3.0
ECON 601 Managerial Economics	3.0
FIN 601 Corporate Financial Management	3.0
MKTG 601 Marketing Strategy and Planning	3.0
POM 601 Operations Management	3.0
ACCT 601 Managerial Accounting	3.0
Technology Management Sequence	
MGMT 602 Management and Technology Innovation	3.0
MIS 611 Management Information Systems	3.0
or MIS 641 MIS Policy & Strategy	
Leadership Sequence	
ORGB 625 Leadership and Professional Development	3.0
ORGB 631 Leading Effective Organizations	3.0
MGMT 780 Strategic Management	3.0
Industry Perspectives Sequence	
BUSN 701 Industry Management Perspectives	3.0

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### **Concentration Courses**

(Students select one of the following areas of concentration and complete the required courses.)

**Accounting** 

**Economics** 

**Entrepreneurship** 

Financial Management

Health Care Management

International Business

**Investment Management** 

**Management Information Systems** 

Marketing Concentration

Organization Management

Production and Operations Management

**Taxation Concentration** 

### **Electives/Second Concentration**

Elective #1 or Concentration Course #1	3.0
Elective #2 or Concentration Course #2	3.0
Concentration Course #3 (only for dual concentration)	3.0



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### **Professional MBA**

#### Concentrations

Students select one of the following areas of concentration.

Accounting Concentration Required course(s)	9.0 Credits
ACCT 790 Seminar in Accounting	3.0
Two of the following*	
ACCT 620 Asset Valuation and Income Determination	3.0
ACCT 621 Liability and Equity Valuation	3.0
ACCT 622 Advanced Financial Accounting	3.0
ACCT 623 Financial Accounting Theory	3.0
ACCT 631 Advanced Managerial Accounting	3.0
ACCT 640 Auditing Theory and Philosophy	3.0
ACCT 650 Accounting Information Systems	3.0

### **Business electives**

Students are encouraged to take 6.0 credits of business courses (accounting courses are acceptable) that will benefit career goals.

\*Other M.S. accounting courses are acceptable, with permission of the student's advisor. Students with undergraduate degrees in accounting will choose two of the following courses for their concentrations: ACCT 623, ACCT 631, or ACCT 650..

<b>Economics Concentration</b>	9.0 Credits
Required course(s)	
ECON 614 Macroeconomics	3.0
Two of the following	
ECON 616 Public Finance and Cost-Benefit Analysis	3.0
ECON 630 International Economics	3.0
ECON 650 Game Theory	3.0
ECON 661 Health Economics	3.0
ECON 662 Economic Analysis of Health Systems	3.0
INTB 632 Economic Analysis of Multinational Corporations	3.0
ECON 790 Seminar in Managerial Economics	3.0

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Entrepre	eneurship Concentration	9.0 Credits
	course(s)	
MGMT 65	2 New Venture Planning	3.0
Two of th	e following:	
MGMT 65	© Corporate Venturing	3.0
MGMT 65	3 Practicum in Entrepreneurship	3.0
BLAW 64	6 Legal Issues in New Ventures	3.0
FIN 635	Entrepreneurial Finance	3.0
MKTG 638	New Product Development	3.0
Financia	Il Management Concentration	9.0 Credits
	Courses	
FIN 602	Advanced Financial Management	3.0
FIN 790	Seminar in Financial Management	3.0
One of th	e following	
FIN 635	Entrepreneurial Finance	3.0
FIN 640	Mergers and Acquisitions	3.0
FIN 642	Business Conditions and Forecasting	3.0
FIN 648	International Financial Management	3.0
	care Management Concentration  Courses	9.0 Credits
	1 Health Economics	3.0
ECON 66	2 Economic Analysis of Health Systems	3.0
MIS 650	Management of Health Care Information Systems	3.0
Internati	onal Business Concentration	9.0 Credits
	y of the following courses	
	0 International Economics	3.0
INTB 620		3.0
INTB 790		3.0
NTB 632	•	3.0
	O Seminar in Managerial Economics	3.0
INI 649		2.0

FIN 648

International Financial Management

3.0

Investment Management Concentration		9.0 Credits
Required	Courses	
FIN 624	Risk Management	3.0
FIN 626	Investment Management	3.0
One of th	e following Financial Institutions and Markets	3.0
FIN 642	Business Conditions and Forecasting	3.0
FIN 649	Comparative Financial Analysis	3.0
FIN 650	Financial Derivatives	3.0
FIN 794	Seminar in Investments	3.0

Management Information Systems Concentration		9.0 Credits	
Three of	the following courses		
MIS 620	Telecommunications Management	3.0	
MIS 624	e-commerce Systems I	3.0	
MIS 632	Database Analysis and Design for Business	3.0	
MIS 698	Special Topics in MIS	3.0	

Students also can take either MIS 611 (Introduction to MIS) or MIS 641 (MIS Policy and Strategy)  $\,$ 

if they did not take that course to fulfill the requirement for the Technology Management Sequence.

It is also recommended that all students pursuing an MIS concentration take MGMT 655 (Knowledge Management in a Global Economy) as a free elective.

Marketing Concentration	9.0 Credits	
Required Courses*		
MKTG 652 Marketing Information: Management and Research	3.0	
Two of the following courses		
MKTG 622 Buyer Behavior	3.0	
MKTG 624 Channels of Distribution Management	3.0	
MKTG 628 Logistics and Supply Chain Management	3.0	
MKTG 630 International Marketing	3.0	
MKTG 632 Sales Management Seminar	3.0	
MKTG 634 Integrated Marketing Communications Management	3.0	
MKTG 636 Business-to-Business Marketing	3.0	
MKTG 638 New Product Planning, Strategy, and Development	3.0	
MKTG 646 Services Marketing	3.0Page 12	

MKTG 650 Marketing Management in the New Economy: Cases and Problems	3.0
MKTG 790 Seminar in Marketing	3.0

\*It is also recommended that all students pursuing a Marketing concentration take MKTG 790 as a free elective.

### **Organization Management Concentration**

9.0 Credits

Three of the following courses*	
MGMT 640 Strategic Human Resource Management	3.0
MGMT 650 Corporate Venturing: Entrepreneurs in Organizations	3.0
MGMT 655 Knowledge Management in a Global Economy	3.0
MGMT 685 Implementing Strategies Using Project Teams	3.0

\*It is also recommended that all students pursuing an Organization Management concentration take the remaining (fourth) course from the concentration area as a free elective.

Production and Operations Management Concentration	12.0 Credits
Three of the following courses*	
POM 620 Management of Manufacturing Firms	3.0
POM 622 Materials Management	3.0
POM 624 Management of Service Firms	3.0
POM 625 Advanced Supply Chain Management	3.0
One of the following courses	
OPR 620 Operations Research I	3.0
OPR 622 Operations Research II	3.0
STAT 924 Multivariate Continuous Analysis	3.0
STAT 636 Experimental Design	3.0

\*The remaining POM courses may also be used to fulfill the requirement. For example, taking all four of the above POM courses will be sufficient to earn the concentration.

Taxation Concentration		9.0 Credits
Required	course(s)	
TAX 611	Tax Research	3.0
TAX 790	Tax Policy Seminar	3.0
	Plus any graduate-level (600) tax elective	3.0



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### **Executive MBA**

The LeBow Executive MBA is LeBow's accelerated and integrated program designed to help experienced professionals leverage valuable work experience to maximize leadership potential. The Executive MBA Program is closely aligned with the needs of students and the business community and centers around five relevant and comprehensive modules: Enterprise Management, Functional Core, Technology Management, Industry Perspectives and Strategic Leadership.

The program is designed for students to learn within a small group of fellow students who begin and complete the program together. Students actively learn from faculty, as well as fellow classmates. Networking for executives is a crucial part of the Executive MBA experience and connecting with the right people is even more important. The program also includes leadership and communications coaching.

The curriculum is distinct from that of a traditional MBA, which emphasizes knowledge a practitioner needs; the EMBA Program focuses on what decision makers need to know.

### **Program Delivery**

The Executive MBA Program begins each September with a three-day immersion phase where students spend a concentrated period working with fellow students and laying the foundations for subsequent coursework and collaboration. The program meets one Friday and two Saturdays to minimize time away from the office and home while keeping students on a steady path to completion in 20 months. One week per month is an on-line or project week. In addition, the program includes a Leadership Retreat as well as off-campus learning during the summer months.

For additional information about the program visit the Executive MBA web site.



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### **Executive MBA**

### Curriculum

A major strength of the LeBow Executive MBA program is the focus on leadership development. At the core of this instruction is a team-based learning approach. Designed to help enhance the transfer of experiences, each student will progress through the program in diverse teams of three to five members, working on as many as 20 different assignments throughout the program. Both orientation sessions involve team building exercises in which students work together to achieve common goals.

The Executive MBA is closely aligned with the needs of students and the business community and centers around five relevant and comprehensive modules. Starting with Enterprise Management, the program follows a sequential plan of study, building upon material learned from each of the previous modules. The fifth and final module, Strategic Leadership, is designed to assist students in discovering and focusing their individual talents to increase leadership ability.

### **Enterprise Management**

This module is designed to develop skills and an understanding of social, political, economic and legal foundations and trends essential to organizations. Specific courses include:

- · Measuring and Maximizing Financial Performance
- · Foundations of Business and Performance
- Principles of Macro and Micro Economics
- The External Environment of Business

### **Function Core**

This module is designed to build a solid core of advanced business learning, this module will expose students to the latest academic trends from our internationally recognized research faculty. Specific courses include:

- Managerial Accounting
- Corporate Finance
- · Decision Making for Business
- · Marketing Strategy and Planning
- Operations Management
- Mergers & Acquisitions and Corporate Governance
- International Business Management
- Managerial Economics
- Business Communications Seminar

### **Technology Management**

This module is designed to develop planning skills and an understanding of constantly emerging technological trends. Specific courses include:

- Managing Technological Innovations
- Strategic Information Technology Management
- Business Communications Seminar

### **Industry Perspectives**

Pragmatic and essential, this module is integrated throughout the program with relevant coursework and case studies. Designed to bridge the gap between theory and the practical world, this module features an eight-week period devoted solely to tackling real-world issues facing today's industries.

Industry perspectives are incorporated throughout all modules as industry leaders participate as guest speakers. The industries featured include health care (pharmaceuticals and hospital administration), manufacturing, investment banking and financial services, consulting, telecommunications/technology, insurance, and transportation and logistics.

### Strategic Leadership

This module is designed to help professionals increase their leadership ability by exposing them to the latest self-assessment tools, industry best practices and strategies. Specific courses include:

- Leading High Performance Organizations
- Business Communications Seminar
- · Business Ethics and Leadership
- Strategic Management
- Leadership Retreat

### **Business Communications Coaching**

Throughout the program, guest lecturers will speak to students on various topics, including effective presentations, effective written communications, negotiating skills and effective team building.



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### **Techno MBA Online**

### **Degree Requirements**

The Techno MBA Online curriculum is comprised of 60 credits or 20 courses. Students must take four prerequisite courses before they can begin advanced-level coursework with the cohort. For students with undergraduate degrees in business administration, it is possible to waive these prerequisites. Waivers are determined upon review of the student's academic transcript.

#### **Pre-Cohort Term**

	. 101111	
<b>BUSN 501</b>	Measuring and Maximizing Financial Performance	3.0
<b>BUSN 502</b>	Essentials of Economics	3.0
<b>BUSN 503</b>	The External Environment of Business	3.0
MIS 611	Introduction to Management Information Systems	3.0
	Total credits	12.0
Term 1		
MGMT 698	Special Topics: Business Simulation (Residency)	3.0
ACCT 601	Managerial Accounting	3.0
MGMT 602	Managing Technological Innovation	3.0
	Total credits	9.0
Term 2		
STAT 601	Business Statistics	3.0
MIS 630	Interactive Decision Support Systems	3.0
INFO 638	Software Project Management	4.0
	Total credits	6.0
Term 3		
FIN 601	Corporate Financial Management	3.0
MGMT 698	Special Topics: eCommerce Strategy and Marketing	3.0
	Total credits	6.0
Term 4		
MIS 641	MIS Policy and Strategy	3.0
MIS 698	Special Topics: Enterprise Systems and eCommerce (Residency)	3.0
	Total credits	6.0
Term 5		
MIS 620	Telecommunications Management	3.0

**ECON 698** Special Topics: Economic Analysis and eCommerce

**Total credits** 

3.0

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### Term 6

ORGB 625	Leadership and Professional Development	3.0
POM 601	Operations Management	3.0
	Total credits	6.0
Term 7		
ORGB 63°	Leading Effective Organizations	3.0
MGMT 78	2 Strategic Management	3.0
INTB 620	International Business Seminar (Residency)	3.0
	Total credits	9.0



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### **Professional MBA Online**

### **Degree Requirements**

The Professional MBA Online curriculum is comprised of 60 credits or 20 courses. In the 2003 academic year, the Professional MBA Online offers concentrations in Finance and Accounting.

Enterprise Management Sequence	Credits
BUSN 501 Measuring and Maximizing Financial Performance	3.0
BUSN 502 Essentials of Economics	3.0
BUSN 503 The External Environment of Business	3.0
Functional Core Sequence	
STAT 601 Business Statistics	3.0
ECON 601 Managerial Economics	3.0
FIN 601 Corporate Financial Management	3.0
MKTG 601 Marketing Strategy and Planning	3.0
POM 601 Operations Management	3.0
ACCT 601 Managerial Accounting	3.0
Technology Management Sequence	_
MGMT 602 Management and Technology Innovation	3.0
MIS 611 Management Information Systems	3.0
or	0.0
MIS 611 MIS Policy & Strategy	
Leadership Sequence	
ORGB 625 Leadership and Professional Development	3.0
ORGB 631 Leading Effective Organizations	3.0
MGMT 780 Strategic Management*	3.0
*As a pre-requisite for this course, 24 credits must be completed at 600 level	
Industry Perspectives Sequence	
One Industry Analysis course*	3.0
*As a pre-requisite for this course, 24 credits must be completed at 600 level	
	_
Field of Concentration and Electives	
Three concentration courses	3.0
Two elective courses	3.0



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### **One-Year MBA**

### **Program Overview**

The LeBow College of Business full-time One-Year MBA is designed for students from a variety of academic and professional backgrounds who want to accelerate their academic experience without compromising quality. The day-time, 12-month program allows students to earn their MBA more quickly than traditional two-year formats—a plus in today's fast-paced business environment.

The intensive, full-time MBA is compact and comprehensive. The general MBA format allows students to experience each of the disciplines while exploring the following areas throughout the program:

- Leadership
- Strategic Management
- Managerial Finance
- International Business
- Entrepreneurship

To succeed in this accelerated and challenging program, students need the right combination of motivation, determination, skills and academic ability. An important part of the program is interacting with other students and using resources available to you. Your cohorted group moves through the academic year as a team, working together and learning from each other. Each student brings strengths to the program, enriching the learning experience for everyone in the class.

For additional information about the program visit the One-Year MBA web site.



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### **One-Year MBA**

#### Curriculum

The LeBow One-Year MBA program and curriculum are designed to maximize the effectiveness of the learning experience in an accelerated timeframe without compromising quality. The student-centered, market-driven program combines six areas of study:

- Enterprise Management
- Advanced Functional Core
- · Analytical Tools for Managerial Effectiveness
- Technology Management
- Leadership and Strategy
- Specialized Focus

Enterprise Management courses were designed to develop skills and an understanding of social, political, financial, economic and legal foundations and trends essential to organizations.

### Courses include:

- Measuring and Maximizing Financial Performance
- Managing the Total Enterprise -- Business Simulation
- Essentials of Economics
- The External Environment of Business

Advanced Functional Core components are designed to develop skills and an understanding of social, political, financial, economic and legal foundations and trends essential to organizations.

#### Courses include:

- Managerial Accounting
- Corporate Financial Management
- Marketing Strategy and Planning
- Advanced Operations Management

Analytical Tools for Managerial Effectiveness courses are designed to develop skills and an understanding of the analytical tools available to help business leaders make informed and effective decisions.

### Courses include:

Managerial Economics

- Quantitative Decision Making
- Risk Management

Technology Management courses draw on the LeBow College's tradition and expertise in the area of managing technological change.

### Courses include:

- Strategic Information Technology Management
- Managing Technological Innovation



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### **MBA** in Pharmaceutical Management

The Drexel MBA in Pharmaceutical Management is accredited by AACSB International—the Association to Advance Collegiate Schools of Business—the top ranking available to a business school. Less than 20 percent of the world's business schools hold this status.

The program aligns the strengths of Drexel University with the academic needs of students and those of the pharmaceutical industry to ensure the curriculum is innovative, relevant and responsive to industry changes. The program integrates leadership and ethics, technology management and industry perspectives—hallmarks of the distinctive Drexel MBA education.

The MBA in Pharmaceutical Management program serves the needs of those who aspire to achieve advanced positions in management, policymaking or stakeholder relations. Participants develop skills and professional networks both online and in person within the learning community. Students learn to think strategically from world-renowned faculty and top practitioners. Working in a dynamic learning environment, participants master the fundamentals of business, identify leadership strengths and industry trends, and can immediately apply classroom learning to job performance. Residencies enhance the rigorous online coursework with advanced learning and promote teambuilding through interactive class discussions. This interactivity facilitates networking and mentoring opportunities and is critical to professional development.

### Format of the Program

Four of the 20 courses offered in the program are offered in face-to-face formats during three- to six-day onsite sessions at the beginning, middle, and end of the program. Sixteen of the courses are conducted online during 10-11 week sessions. Email, chat rooms, streaming video, and online threaded discussions support extensive communications among students and faculty members. Online accessibility extends to student services as well.



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### MBA in Pharmaceutical Management

### Curriculum

Enterprise Management Sequence	Credits
BUSN 501 Measuring and Maximizing Financial Performance	3.0
BUSN 502 Essentials of Economics	3.0
BUSN 503 The External Environment of Business	3.0
Advanced Business Core Component	
High Impact Communications: Team Building	3.0
ACCT 601 Managerial Accounting	3.0
FIN 601 Corporate Financial Management	3.0
STAT 601 Business Statistics	3.0
ECON 601 Managerial Economics	3.0
MKTG 601 Marketing Strategy and Planning	3.0
POM 601 Operations Management	3.0
Technology Management Sequence	
MGMT 602 Management and Technology Innovation	3.0
MIS 611 Management Information Systems	3.0
Leadership Sequence	
ORGB 625 Leadership and Professional Development	3.0
Ethics and Leadership	3.0
MGMT 780 Strategic Management	3.0
BUSN 701 Industry Management Perspectives	3.0
Advanced Pharmaceutical Management Component	
PBHL 601 Management of Healthcare Outcomes	3.0
PBHL 530 Epidemiology	3.0
The Drug Development Process	3.0
Health Care Law & Pharmaceutical Regulation	3.0
Advanced Concepts in Managed Care	3.0

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### Ph.D. Program in Business

The newly revised program enables students to complete their doctoral coursework in two years. Students can begin specializing in a chosen area as early as the first year of study. Specializations are available in seven areas: accounting, decision sciences, economics, finance, management information systems, marketing, and organization and strategy.

Ph.D. students complete a minimum of 60 quarter credits beyond the master's degree. Students who enter the program without a master's degree must complete 90 credits beyond the bachelor's degree. The <u>degree requirements</u> describes the basic structure of the Ph.D. in Business curriculum.

### **Time Requirements for Program Completion**

Time requirements are placed on graduate programs of study to ensure that students receive instruction in, and graduate with, the most up-to-date, current knowledge available in their discipline. It is expected that all graduate students will be able to complete their degrees within the stated time requirements.

University policy provides that students who enter the Ph.D. program without a master's degree must complete their studies for their Ph.D. within seven years after initial graduate registration. Those who enter the Ph.D. program with a master's degree in hand are permitted five years after initial registration to complete the Ph.D. degree.

Students who find that these time requirements are inadequate due to special circumstances must discuss this with their specialization coordinator and the director of the Ph.D. program. Together they may request an extension prior to the end of the student's stated time limit (either seven or five years). All formal extension requests must give a reasonable time for completion with an accompanying revised plan of study. Should an extension be required, please be aware that all courses will be reviewed for timeliness; some earlier coursework may have to be repeated.

Extension requests must be forwarded, after approval by the specialization coordinator and the LeBow Ph.D. Director, to the Graduate Studies Office, which will make the final decision. The extension request for doctoral students must consist of a new plan of study and a letter of request, signed by the student, the specialization coordinator and the LeBow Ph.D. Director.

### **Full-time Status**

The Ph.D. Program in Business expects all Ph.D. students to maintain full-time status during their course of study. Ph.D. students are considered to be full-time if they meet any of the following criteria:

- Registered for nine or more credits.
- Serve as a teaching, graduate or research assistant and are registered for at least three credits.
- Hold a fellowship, traineeship or scholarship and are registered for at least three credits.
- A Ph.D. candidate registering for at least three credits.
- A Ph.D. candidate in absentia registering for two credits.

### **Registration Requirements**

University policy requires that doctoral students register for at least three credits in the term in which they take their candidacy exam. Those who successfully pass their candidacy exam and become Ph.D. candidates must register for at least three credits every term until completion of the degree. Students nearing the completion of their work usually register for research or dissertation credits.

If Ph.D. candidates are not working on campus, taking courses or otherwise using campus facilities during the summer, students may petition to take the summer off by completing the summer registration release form. This form is available in the Graduate Studies Office. With the support of the supervising professor and graduate adviser and final approval granted by the Graduate Studies Office, a doctoral student may be released from the registration requirement for summer term only.

#### In Absentia Status

Ph.D. candidates who have completed all coursework and residency requirements, who will not be using campus facilities, but may occasionally consult with their supervising professor, may request in absentia status. Such requests take the form of a letter from the student, with the supported of the supervising professor and graduate advisor indicated by their signatures or accompanying letters. The Graduate Studies Office grants final approval. Doctoral candidates in absentia must register for two credits each term they are in this status. Doctoral candidates may not be considered in absentia during the term in which they defend their dissertation.

### **Leave Of Absence**

Doctoral students may take time off from their studies for family or medical emergency, military service or other extenuating cause. The time clock does not stop except for military service. Students will be expected to finish the degree in the normal time allotted.



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### Ph.D. Program in Business

60 credits

### **Degree Requirements**

- 12.0 credits of core courses
- 33.0 credits of specialization requirements
- 15.0 credits of dissertation research

### **Core Program**

All Ph.D. students pursue a common set of core courses during their first year of study. This core consists of course work in economics (one course), quantitative methods (two courses), and behavioral science (one course). In addition to these core courses, students also take courses in their specializations during their first year in the program.

Core Courses		Credits
ECON 901	Foundations of Economic Analysis	3.0
STAT 901	Quantitative Methods I	3.0
STAT 902	Quantitative Methods II	3.0
MGMT 904	Behavioral Science	3.0

### **First-Year Examination:**

After the completion of the core coursework, students are examined on their competence in the core material and their readiness to proceed to their specialization area.

### Specialization:

The Ph.D. Program in Business offers specializations in seven areas.

- Accounting
- · Decision Sciences
- Economics
- Finance
- Management Information Systems
- Marketing
- Organization and Strategy

Each specialization area consists of 11 courses (33 credits). Some of these courses are required and others are selected by the student with the approval of his or her adviser. The requirements of each area of specialization are discussed in detail on the Lebow College of Business <a href="Ph.D. Program">Ph.D. Program</a>

Areas of Specialization web page.

### **Candidacy Examination:**

At the completion of their coursework, students take written and oral candidacy examinations. These examinations test each student's preparation for dissertation research. Once the candidacy examinations are passed, the student is recognized as a Ph.D. candidate.

### **Doctoral Dissertation:**

The doctoral dissertation is a piece of original research designed to make a contribution to the student's chosen discipline. Each candidate selects a dissertation adviser and an advisory committee of additional faculty members is formed. The candidate prepares a detailed dissertation proposal that is defended before the University community. After successfully defending the proposal, the candidate conducts the research (15-credit minimum) and prepares a written dissertation. The completed dissertation is then defended in a final oral examination.

#### **Dissertation Format Review**

In addition to meeting the Thesis Advisory Committee's standards of originality and scholarly content, all doctoral dissertations must conform to university format requirements. Students should obtain a copy of the Thesis Manual from the Graduate Studies Office or from the Thesis Reviewer in 5038 MacAlister Hall.



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### Ph.D. Program in Business

### **Areas of Specialization**

The Ph.D. Program in Business offers specializations in seven areas.

- Accounting
- Decision Sciences
- Economics
- Finance
- Management Information Systems
- Marketing
- Organization and Strategy

After the completion of the core examination, students begin coursework in their chosen area. Each specialization area consists of 11 courses (33 credits). Some of these courses are required and others are selected by the student with the approval of his or her adviser. The requirements of each area of specialization are discussed in detail on the Lebow College of Business <a href="Ph.D. Program">Ph.D. Program</a>
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### **Advanced Professional Certificate Program**

The Advanced Professional Certificate program is available only to applicants who have earned a master's or doctoral degree. The program permits qualified candidates to update their skills in a field of specialization in which they have had previous academic experience or to acquire competence in a new business discipline.

The program does not lead to a degree, and the credits earned in the program are not applicable to any current or future degree program offered by the LeBow College of Business or by Drexel University. The certificate is awarded through the Dean's Office of the LeBow College of Business.

The program normally requires a minimum of 18 advanced (second-year) graduate credits. These must include a minimum set of three courses and a seminar in one of areas of specialization (students planning to study in the area of taxation are advised to take six tax courses, excluding TAX 660). Students must observe any stipulated prerequisites to courses they wish to take and must file a plan of study immediately after admission. Applicants are admitted upon the approval of the Director of Master's Programs in Business.