

Health Science and Business Administration, BS

The combined major in Health Science and Business Administration provides students at Northeastern with an opportunity to study a curriculum that is synergetic with the growing field of health care. This academic combination will provide students with the knowledge and expertise needed to enter a multitude of careers upon graduation. The degree will allow students the unique opportunity to better understand the business side of the health care industry in Massachusetts, which is home to some of the best hospitals and medical research companies in the country. The field is compatible with all the undergraduate concentrations in the School of Business and prepares students to enter the workforce after graduation.

Program Requirements

Complete all courses listed below unless otherwise indicated. Also complete any corequisite labs, recitations, clinicals, or tools courses where specified and complete any additional courses needed beyond specific college and major requirements to satisfy graduation credit requirements.

University-Wide Requirements

All undergraduate students are required to complete the University-Wide Requirements (<http://catalog.northeastern.edu/undergraduate/university-academics/university-wide-requirements>).

NUPATH Requirements

All undergraduate students are required to complete the NUPATH Requirements (<http://catalog.northeastern.edu/undergraduate/university-academics/nupath>).

Health Science Requirements

Code	Title	Hours
Public Health Core		
PHTH 1260	The American Healthcare System	4
PHTH 2300	Communication Skills for the Health Professions	4
PHTH 2350	Community and Public Health	4
PHTH 2515	Healthcare Policy and Administration	4
PHTH 4120	Global Perspectives on Discrimination and Health	4
PHTH 4540	Health Education and Program Planning	4
HLTH 5450	Healthcare Research	4
Supporting Courses for Health Science		
BIOL 1111 and BIOL 1112	General Biology 1 and Lab for BIOL 1111	5
BIOL 1113 and BIOL 1114	General Biology 2 and Lab for BIOL 1113	5
CHEM 1211 and CHEM 1212 and CHEM 1213	General Chemistry 1 and Lab for CHEM 1211 and Recitation for CHEM 1211	5
CHEM 1214 and CHEM 1215 and CHEM 1216	General Chemistry 2 and Lab for CHEM 1214 and Recitation for CHEM 1214	5
PSYC 1101	Foundations of Psychology	4

Business Administration Requirements

Code	Title	Hours
Required Courses		
ACCT 1201	Financial Accounting and Reporting	4
ACCT 2301	Managerial Accounting	4
FINA 2201	Financial Management	4
INTB 1203	International Business and Global Social Responsibility	4
Business Electives		
Complete two of the following:		8
MISM 2301	Management Information Systems	
MKTG 2201	Introduction to Marketing	
SCHM 2301	Supply Chain and Operations Management	
ORGB 3201	Organizational Behavior	
Supporting Courses for Business		
ECON 1115	Principles of Macroeconomics	4
ECON 1116	Principles of Microeconomics	4

Business Concentration

Complete one of the following concentrations. Requirements for the concentrations are listed below. (p. 2)

- Accounting
- Entrepreneurship and Innovation
- Finance
- Management
- Management Information Systems
- Marketing
- Supply Chain Management

Supporting Courses

Code	Title	Hours
Introduction to College		
HSCI 1000 or BUSN 1102	College: An Introduction or Personal Skill Development for Business	1
Calculus		
MATH 1231 or MATH 1241	Calculus for Business and Economics or Calculus 1	4
Statistics		
PHTH 2210 or MGSC 2301	Foundations of Biostatistics or Business Statistics	4
Co-op Preparation		
Complete one of the following:		4-5
BUSN 1101 and BUSN 1103	Introduction to Business and Professional Development for Business Co-op	
HSCI 2000	Professional Development for Bouvé Co-op	
Capstone		
Complete one of the following:		4
STRT 4501	Strategy in Action	

HSCI 4720	Health Science Capstone—Service (Prerequisite course HSCI 4700)	
HSCI 4730	Health Science Capstone—Research (Prerequisite course HSCI 4700)	

Integrative Requirement

Code	Title	Hours
MGMT 3340	Managing Healthcare Organizations: Critical Challenges and New Approaches	4

Business GPA Requirement

A minimum 2.000 GPA is required in all business courses.

Program Requirement

132 total semester hours required

Business Concentrations

CONCENTRATION IN ACCOUNTING

Code	Title	Hours
Required Courses		
ACCT 3401	Financial Reporting and Analysis 1	4
ACCT 4501	Financial Reporting and Analysis 2	4
Electives		
Complete two of the following:		8
ACCT 3403	Accounting Information Systems	
ACCT 3416	Strategic Cost Analysis for Decision Making	
ACCT 4412	Auditing and Other Assurance Services	
ACCT 4414	Income Tax Determination and Planning	

CONCENTRATION IN ENTREPRENEURSHIP AND INNOVATION

Code	Title	Hours
Note: The following courses do not count toward this concentration:		
ENTR 1201	The Entrepreneurial Universe	
ENTR 3308	Business Economic History of South Africa	
ENTR 3318		
ENTR 3328		
ENTR 3338	Field Research in Sustainable Energy in Iceland	
ENTR 3346		
ENTR 4510	Management Consulting Abroad	
ENTR 4514	Development Practice and Global Citizenship in India	

Introductory Course

ENTR 2301	Innovation!	4
or ENTR 2303	Entrepreneurial Marketing and Selling	

Capstone Course

Complete one of the following:		4
ENTR 4501	Business Planning for Technology Ventures	
ENTR 4503	Business Planning for Small and Medium Enterprises	

ENTR 4505	Entrepreneurial Growth Strategy for Technology Ventures	
ENTR 4506	Advanced Studies in Social Enterprise	

Electives

Note: Only one non-ENTR course may be used as an elective.

Complete two of the following:		8
ENTR 2206	Global Social Enterprise	
ENTR 2215	Understanding Family Enterprise	
ENTR 2414	Social Responsibility of Business in an Age of Inequality	
ENTR 2301	Innovation! (if not used as introductory course)	
ENTR 2303	Entrepreneurial Marketing and Selling (if not used for introductory course)	
ENTR 3212	Innovation for Social Change	
ENTR 3217	Global Family Business Leadership	
ENTR 3220	International Entrepreneurship and Innovation Consulting	
ENTR 3305	Entrepreneurial Strategy and Business Model Design	
ENTR 3306	Global Entrepreneurship	
ENTR 3330	Lean Design and Development for Entrepreneurs	
ENTR 3401	Management of Operations and Growth in Small- and Medium-Sized Enterprises	
ENTR 3403	Managing Operations in a Technology- Based Startup Firm	
ENTR 3520	Impact Investing and Social Finance	
ENTR 4225	Corporate Entrepreneurship through Global Growth, Acquisitions, and Alliances	
ENTR 4512	Social Entrepreneurship and Sustainable Development in India	
FINA 4610	Entrepreneurial Finance, Innovation Valuation, and Private Equity	
MGMT 3302	Negotiating in Business	

CONCENTRATION IN FINANCE

Code	Title	Hours
Required Course		
FINA 3301	Corporate Finance	4
or FINA 3303	Investments	
Electives		
Complete three of the following:		12
ENTR 3520	Impact Investing and Social Finance	
or FINA 2720	Sustainability in the Business Environment	
FINA 3301	Corporate Finance (if not selected as a required course)	
FINA 3303	Investments (if not selected as a required course)	
FINA 4219	Portfolio Management	
FINA 4220	Behavioral Finance	
FINA 4310	Working Capital Management	
FINA 4312	Issues in Corporate Governance	
FINA 4320	International Financial Management	
FINA 4410	Valuation and Value Creation	

FINA 4412	Personal Financial Planning
FINA 4420	Mergers and Acquisitions
FINA 4512	Financial Risk Management
FINA 4514	Investment Banking
FINA 4516	Real Estate Finance
FINA 4524	Credit Analysis
FINA 4526	Core Topics in Alternative Investments
FINA 4983	Special Topics in Finance
FINA 4602	Turnaround Management
FINA 4604	Fixed-Income Securities
FINA 4608	Advanced Financial Strategy
FINA 4610	Entrepreneurial Finance, Innovation Valuation, and Private Equity

CONCENTRATION IN MANAGEMENT

Code	Title	Hours
Required Course		
MGMT 4501	Skills for Managerial Success	4
Electives		
Note: Only one non-MGMT course may be used as an elective.		
Complete three of the following:		12
MGMT 3302	Negotiating in Business	
MGMT 3315	Managing Organizational Change and Disruption	
MGMT 3330	Developing Leaders for Global Sustainability	
MGMT 3340	Managing Healthcare Organizations: Critical Challenges and New Approaches	
MGMT 3350	Managing a Diverse Workforce	
MGMT 3360	Law and the Legal Process	
MGMT 3420	Managing Human Capital	
MGMT 3510	Managing Global Teams Virtually and Locally	
MGMT 3530	Project Management	
MGMT 4310	The Management Practices of Great Organizations	
MGMT 4410	Human Resources and Workforce Analytics	
ENTR 2215	Understanding Family Enterprise	
ENTR 2414	Social Responsibility of Business in an Age of Inequality	
ENTR 4225	Corporate Entrepreneurship through Global Growth, Acquisitions, and Alliances	

CONCENTRATION IN MANAGEMENT INFORMATION SYSTEMS

Code	Title	Hours
Required Courses		
MISM 3403	Data Management in the Enterprise	4
MISM 4501	Business Systems Integration	4
Electives		
Note: Only one non-MISM course may be used as an elective.		
Complete two of the following:		8
MISM 2510	Fundamentals of Information Analytics	
MISM 3305	Information Resource Management	

MISM 3404	Data Communications
MISM 3406	Introduction to Web Design, Practices, and Standards
MISM 3501	Information Visualization for Business
MISM 3515	Data Mining for Business
MKTG 4508	Digital Marketing
SCHM 3301	Global Supply Chain Strategy
SCHM 3305	Sourcing and Procurement
SCHM 3308	Supply Chain Analytics

CONCENTRATION IN MARKETING

Code	Title	Hours
Required Courses		
MKTG 3401	Marketing Research	4
MKTG 3301	Marketing Management	4
or MKTG 4506	Consumer Behavior	
Electives		
Complete two of the following:		8
MKTG 2301	Marketing and Society	
MKTG 3301	Marketing Management (if not selected as a required course)	
MKTG 3501	Marketing Analytics	
MKTG 4220	Marketing in Asia	
MKTG 4420	Sales Management	
MKTG 4502	Marketing in the Service Sector	
MKTG 4504	Advertising and Brand Promotion	
MKTG 4506	Consumer Behavior (if not selected as a required course)	
MKTG 4508	Digital Marketing	
MKTG 4510	New Product Development	
MKTG 4512	International Marketing	

CONCENTRATION IN SUPPLY CHAIN MANAGEMENT

Code	Title	Hours
Required Courses		
SCHM 3301	Global Supply Chain Strategy	4
SCHM 3305	Sourcing and Procurement	4
SCHM 3310	Logistics and Transportation Management	4
Elective		
Complete one of the following:		4
SCHM 3308	Supply Chain Analytics	
SCHM 3320	Demand Planning and Forecasting	
SCHM 3330	Sustainability and Supply Chain Management	
SCHM 4401	Advanced Problems in Supply Chain Management	