

Health Science and Business Administration, BS

The combined major in health science and business administration provides students at Northeastern University with an opportunity to study a curriculum that is synergetic with the growing field of healthcare. 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 healthcare 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.

Universitywide Requirements

All undergraduate students are required to complete the Universitywide 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 or PHTH 1261	The American Healthcare System Comparative Healthcare Systems	4
PHTH 2300 or PHTH 2301	Communication Skills for the Health Professions Communication Skills for the Health Professions—Global	4
PHTH 2350 or PHTH 2351	Community and Public Health Community and Public Health - Global	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
PHTH 4202	Principles of Epidemiology in Medicine and Public Health	4
Life Sciences Core		
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
PSYC 1101	Foundations of Psychology	4
CHEM 1161 and CHEM 1162 and CHEM 1163	General Chemistry for Science Majors and Lab for CHEM 1161 and Recitation for CHEM 1161	5

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 Course for Business

Complete one of the following:

4

ECON 1115	Principles of Macroeconomics
or ECON 1116	Principles of Microeconomics

Business Concentration

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

- Accounting (p.)
- Accounting and Advisory Services (<http://catalog.northeastern.edu/undergraduate/business/concentrations/accounting-advisory-services/>)
- Brand Management (<http://catalog.northeastern.edu/undergraduate/business/concentrations/brand-management/>)
- Business Analytics (<http://catalog.northeastern.edu/undergraduate/business/concentrations/business-analytics/>)
- Corporate Innovation (<http://catalog.northeastern.edu/undergraduate/business/concentrations/corporate-innovation/>)
- Entrepreneurial Startups (<http://catalog.northeastern.edu/undergraduate/business/concentrations/entrepreneurial-startups/>)
- Family Business (<http://catalog.northeastern.edu/undergraduate/business/concentrations/family-business/>)
- Finance (p.)
- Fintech (<http://catalog.northeastern.edu/undergraduate/business/concentrations/fintech/>)
- Healthcare Management and Consulting (<http://catalog.northeastern.edu/undergraduate/business/concentrations/healthcare-management-consulting/>)
- International Business (<http://catalog.northeastern.edu/undergraduate/business/concentrations/international-business/>) (available only as a second concentration)
- Management (p.)
- Management Information Systems (p.)
- Marketing (p.)
- Marketing Analytics (<http://catalog.northeastern.edu/undergraduate/business/concentrations/marketing-analytics/>)
- Social Innovation and Entrepreneurship (<http://catalog.northeastern.edu/undergraduate/business/concentrations/social-innovation-entrepreneurship/>)
- Supply Chain Management (p.)

Supporting Courses

Code	Title	Hours
Introduction to College		
HSCI 1000 or BUSN 1102	College: An Introduction Personal Skill Development for Business	1
Calculus		
MATH 1231 or MATH 1241	Calculus for Business and Economics Calculus 1	4
Statistics		
PHTH 2210 or MGSC 2301	Foundations of Biostatistics Business Statistics	4
Co-op Preparation		
Complete one of the following:		
BUSN 1103	Professional Development for Business Co-op	1
HSCI 2000	Professional Development for Bouvé Co-op	
Writing		
ENGW 1111	First-Year Writing	4
ENGW 3306 or ENGW 3304	Advanced Writing in the Health Professions Advanced Writing in the Business Administration Professions	4
Capstone		
Complete one of the following:		
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	Healthcare Management, Innovation, and Design	4

Required General Electives

Code	Title	Hours
	Complete at least 16 credits of general electives	16

Business GPA Requirement

A minimum 2.000 GPA is required in all business courses.

Health Sciences Major Requirement

A grade of C or higher is required for all BIOL, CHEM, HLTH, HSCI, MATH, and PHTH courses.

Program Requirement

133 total semester hours required

Plan of Study**Sample Plan of Study (Bouvé: Four Years, Two Co-ops)**

Year 1							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
HSCI 1000		1 PHTH 1260		4 ECON selective		4 ACCT 2301	4
ACCT 1201		4 BIOL 1113 and BIOL 1114		5 PHTH core course		4 Elective	4
BIOL 1111 and BIOL 1112		5 ENGW 1111		4			
MATH 1241		4 Concentration course		4			
PSYC 1101		4					
	18		17			8	8
Year 2							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
PHTH 2210 and PHTH 2211		4 HSCI 2000		1 PHTH core course		4 Co-op	
PHTH core course		4 PHTH core course		4 Elective		4	
INTB 1203		4 MGMT 3340		4			
CHEM 1161 and CHEM 1162 and CHEM 1163		5 FINA 2201		4			
		Business elective		4			
	17		17			8	0
Year 3							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
Co-op		PHTH core course		4 PHTH core course		4 Co-op	
		Concentration course		4 ENGW 3306		4	
		Concentration course		4			
		Elective		4			
	0		16			8	0
Year 4							
Fall	Hours	Spring	Hours				
Co-op		Capstone course		4			
		Business elective		4			
		Elective		4			

Concentration course	4
0	16

Total Hours: 133

Sample Plan of Study (Five Years, Two Co-ops)

Year 1									
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours	Hours	
HSCI 1000 or BUSN 1102		1 BIOL 1113 and BIOL 1114		5 Vacation		Vacation			
PHTH 1260		4 ENGW 1111		4					
PSYC 1101		4 CHEM 1161 and CHEM 1162 and CHEM 1163		5					
BIOL 1111 and BIOL 1112		5 Concentration course		4					
MATH 1241 or 1231		4							
	18		18			0		0	
Year 2									
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours	Hours	
PHTH 2210 and PHTH 2211		4 HSCI 2000 or BUSN 1103		1 Vacation		Co-op			
ACCT 1201		4 PHTH core course		8					
PHTH core course		4 FINA 2201		4					
ECON selective		4 INTB 1203		4					
	16		17			0		0	
Year 3									
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours	Hours	
Co-op		ACCT 2301		4 Vacation		Vacation			
		PHTH core course		4					
		Concentration course		4					
		Business elective		4					
	0		16			0		0	
Year 4									
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours	Hours	
ENGW 3306 or 3304		4 Co-op		Co-op		Vacation			
MGMT 3340		4							
PHTH core course		4							
Business elective		4							
	16		0			0		0	
Year 5									
Fall	Hours	Spring	Hours						
HSCI 4700		0 Capstone course		4					
PHTH core course		4 Concentration course		4					
Concentration course		4 Electives		8					
Electives		8							
	16		16						

Total Hours: 133