

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 offers students the knowledge and expertise needed to enter a multitude of careers upon graduation. The degree allows students the unique opportunity to better understand the business side of the healthcare industry. 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

- Concentrations and course offerings may vary by campus and/or by program modality. Please consult with your advisor or admissions coach for the course availability each term at your campus or within your program modality.
- Certain options within the program may be *required* at certain campuses or for certain program modalities. Please consult with your advisor or admissions coach for requirements at your campus or for your program modality.

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 (<https://catalog.northeastern.edu/undergraduate/university-academics/university-wide-requirements/>).

NUpath Requirements

All undergraduate students are required to complete the NUpath Requirements (<https://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 4202	Principles of Epidemiology in Medicine and Public Health	4
PHTH 4540	Health Education and Program Planning	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
CHEM 1161 and CHEM 1162 and CHEM 1163	General Chemistry for Science Majors and Lab for CHEM 1161 and Recitation for CHEM 1161	5
PSYC 1101	Foundations of Psychology	4

Business Administration Requirements

Code	Title	Hours
Required Courses		
ACCT 1201	Financial Accounting and Reporting	4
ACCT 2301	Profit Analysis for Managers and Advisors	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	Introduction to Information Systems and Digital Technologies	
MKTG 2201	Introduction to Marketing	
ORGB 3201	Organizational Behavior	
SCHM 2301	Supply Chain and Operations Management	
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:

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

Supporting Courses

Code	Title	Hours
Calculus		
MATH 1231	Calculus for Business and Economics	4
or MATH 1241	Calculus 1	
Statistics		
PHTH 2210	Foundations of Biostatistics	4
or MGSC 2301	Business Statistics	
Capstone		
Complete capstone through a capstone course, a capstone project, or an Honors Project:		3-4
<i>Capstone Course Options</i>		
HINF 5301	Evaluating Health Technologies	
PHTH 4515	Critical Issues in Health and Public Health Policy	
PHTH 4616	Addressing Rural Health Inequities	
PHTH 5214	Environmental Health	
PHTH 5230	Global Health	
PHTH 5236	Food, Nutrition, and Health	

PHTH 5603	Qualitative Methods
STRT 4501	Strategy in Action
<i>Capstone Project Options</i>	
HSCI 4720	Health Science Capstone—Service (Prerequisite course HSCI 4700)
HSCI 4730	Health Science Capstone—Research (Prerequisite course HSCI 4700)
<i>Health Science Honors Project</i>	
Must meet GPA requirement and complete both courses: ¹	
HSCI 4970 and HSCI 4971	Junior/Senior Honors Project 1 and Junior/Senior Honors Project 2

¹ Junior/Senior Honors Project 1 (HSCI 4970) will count as 4 semester hours toward general electives.

Code	Title	Hours
Introduction to College		
Complete one of the following:		1
BUSN 1102	Personal Skill Development for Business	
HSCI 1000	College: An Introduction	

Integrative Requirement

Code	Title	Hours
MGMT 3340	Healthcare Management, Innovation, and Design	4

Optional Co-op

Students can choose to complete a one or two six-month co-op experience, or none at all, during their course of study. Students must consult with their advisor regarding the prerequisite course for co-op.

Code	Title	Hours
Complete one of the following if taking co-op:		1
BUSN 1103	Professional Development for Business Co-op	
HSCI 2000	Professional Development for Bouvé Co-op	

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 PTHH courses.

Program Requirement

131 total semester hours required

Plan of Study

Sample Plan of Study: Bouvé—Four Years, Two Co-ops in Summer 2/Fall

Year 1								
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours	Hours
ACCT 1201		4 BIOL 1113 and BIOL 1114		5 ECON selective		4 ACCT 2301		4
BIOL 1111 and BIOL 1112		5 ENGW 1111		4 PTHH core course		4 Elective		4
HSCI 1000		1 PTHH 1260		4				
MATH 1241		4 Concentration course		4				
PSYC 1101		4						
		18			17			8
Year 2								
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours	Hours
CHEM 1161 and CHEM 1162 and CHEM 1163		5 HSCI 2000 ¹		1 PTHH core course		4 Co-op		0

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

PHTH core course	4			
	16		0	0
Year 5				
Fall	Hours	Spring	Hours	
Concentration course	4	Capstone course	4	
PHTH core course	4	Concentration course	4	
Electives	8	Electives	8	
	16		16	

Total Hours: 133

¹ Students that choose to complete at least one co-op experience must complete either Professional Development for Bouvé Co-op (HSCI 2000) or Professional Development for Business Co-op (BUSN 1103) (based on home college) prior to co-op.