

# *Business Administration and Public Health, BS (Boston)*

## Overview

The combined Bachelor of Science in Business Administration and Public Health offers students an opportunity to study a curriculum that is synergistic with the growing field of healthcare and public health. This academic combination provides students with 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 and public health administration and prepares them to be leaders.

## 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 (<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/>).

## Business Administration Requirements

Code	Title	Hours
<b>Required Courses</b>		
ACCT 1201	Financial Accounting and Reporting	4
ACCT 2301	Profit Analysis for Managers and Advisors	4
INTB 1203	International Business and Global Social Responsibility	4
ORGB 3201	Organizational Behavior	4
or ORGB 3203	Behavioral Aspects of Digital Transformation	
<b>Business Electives</b>		
Complete two of the following:		8
FINA 2201	Financial Management	
INNO 2301	Innovation!	
MISM 2301	Introduction to Information Systems and Digital Technologies	
MKTG 2201	Introduction to Marketing	
SCHM 2301	Supply Chain and Operations Management	
<b>Supporting Courses for Business</b>		
ECON 1116 and ECON 1126	Principles of Microeconomics and Recitation for ECON 1116	4
Complete one of the following. MATH 1231 is strongly recommended for this major.		4
MATH 1231	Calculus for Business and Economics	
or MATH 1241	Calculus 1	
or MATH 1245	Calculus with Applications	
or MATH 1251	Calculus and Differential Equations for Biology 1	
or MATH 1340	Intensive Calculus for Engineers	
or MATH 1341	Calculus 1 for Science and Engineering	

## Business Concentration

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

- 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/>)
- 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/>)

## Public Health Requirements

Code	Title	Hours
<b>Public Health Core</b>		
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

## Science Requirements

<i>Biology</i>		
Complete one of the following options:		8-10
Option 1		
BIOL 1141 or BIOL 1143	Microbes and Society Biology and Society	
BIOL 1147	The Human Organism	
Option 2		
BIOL 1111 and BIOL 1112	General Biology 1 and Lab for BIOL 1111	
BIOL 1113 and BIOL 1114	General Biology 2 and Lab for BIOL 1113	
<i>Psychology</i>		
PSYC 1101	Foundations of Psychology	4

## Public Health Social Science Requirement

Complete one of the following:		3-4
COMM 3201	Health Communication	
HLTH 5280	The (in)Visibility of (dis)Ability in Society	
PHTH 5222	Health Advocacy	
PSYC 3402	Social Psychology	
PSYC 3404	Developmental Psychology	
PSYC 3450	Learning and Motivation	
ECON 3404	International Food Policy	
ECON 3423	Environmental Economics	
ECON 3424	Law and Economics	
ECON 3413	Health Economics and Healthcare Policy	

PHTH 5232	Evaluating Healthcare Quality
PHTH 5234	Economic Perspectives on Health Policy

## Supporting Courses

Code	Title	Hours
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### Statistics

Complete one of the following. MGSC 2301 or PHTH 2210 is the recommended statistics course for this combined major. 4

MGSC 2301	Business Statistics
or PHTH 2210	Foundations of Biostatistics
or MATH 2280	Statistics and Software
or MATH 3081	Probability and Statistics

### Capstone

Complete one of the following options: 3-4

#### DMSB Students

STRT 4501	Strategy in Action
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#### Bouvé Students

Complete one of the following:

HINF 5301	Evaluating Health Technologies
HSCI 4720	Health Science Capstone—Service <sup>1</sup>
HSCI 4730	Health Science Capstone—Research <sup>1</sup>
HSCI 4740	Health Science Capstone Seminar
HSCI 4970 and HSCI 4971	Junior/Senior Honors Project 1 and Junior/Senior Honors Project 2 <sup>2</sup>
PHTH 4515	Critical Issues in Health and Public Health Policy
PHTH 4602	Private Guns, Public Health
PHTH 4616	Addressing Rural Health Inequities
PHTH 4717	Advancing Health Justice Through the Law
PHTH 5214	Environmental Health
PHTH 5230	Global Health
PHTH 5236	Food, Nutrition, and Health
PHTH 5603	Qualitative Methods

### Introduction to College

Complete one of the following:

BUSN 1102	Personal Skill Development for Business	1
or HSCI 1000	College: An Introduction	

### Professional Development

Complete one of the following:

BUSN 1103	Professional Development for Business Co-op	1
or HSCI 2000	Professional Development for Bouvé Co-op	

<sup>1</sup> Must complete 0 SH Health Science Capstone Introduction (HSCI 4700) course as pre-requisite

<sup>2</sup> Junior/Senior Honors Project 1 (HSCI 4970) will count as 4 SH general elective

## Integrative Requirement

Code	Title	Hours
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Complete one of the following:

MGMT 3340	Healthcare Management, Innovation, and Design
or PHTH 4511	Healthcare Management

## Business GPA Requirement

A minimum 2.000 GPA is required in all business courses.

## Business Experiential Learning

Code	Title	Hours
Complete at least one of the following experiences:		
BUSN 4945	In-the-Field Experiential Professional Practicum	0-8
COOP 3945	Co-op Work Experience	
COOP 3946	Co-op Work Experience–Half Time	
COOP 3947	Co-op Work Experience Abroad–Half Time	
COOP 3948	Co-op Work Experience Abroad	
EEBA 2945	Internship Experience	
EEBA 2948	Internship Experience Abroad	

## Public Health Major Requirement

A grade of C or higher is required for [the Public Health Core, Science Requirement, Public Health Social Science Requirement, Statistics](#), and HSCI or PHTH [Capstone courses](#). [Students who take College: An Introduction \(HSCI 1000\) and Professional Development for Bouvé Co-op \(HSCI 2000\) must achieve a C or higher.](#)

## Program Requirement

128 total semester hours required

## Plan of Study

### Sample Plans of Study

#### DMSB STUDENT SAMPLE: FOUR YEARS, TWO CO-OPS IN SUMMER SECOND HALF/FALL

Year 1							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
ACCT 1201		4 ENGW 1111		4 ECON 1116 and ECON 1126		4 Vacation	
BUSN 1102		1 INTB 1203		4 PHTH core course		4	
MATH 1231		4 PHTH 1260		4			
PSYC 1101		4 BIOL course		4			
BIOL course		4					
		17		16		8	0
Year 2							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
ACCT 2301		4 BUSN 1103		1 Concentration course		4 Co-op	0
MGSC 2301		4 PHTH core course		4 General elective		4	
PHTH core course		4 Business Elective		4			
General elective		4 Business elective		4			
		Concentration course		4			
		16		17		8	0
Year 3							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
Co-op		0 MGMT 3340 or PHTH 4511		4 PHTH 4540		4 Co-op	0
ENGW 3304		4 PHTH 4202		4 PHTH 4120		4	
		Concentration course		4			
		ORGB 3201 or 3203		4			
		4		16		8	0
Year 4							
Fall	Hours	Spring	Hours				
Co-op		0 STRT 4501		4			
General elective		4 Concentration course		4			
		Social science course		3-4			

General elective	4
4	15-16

Total Hours: 129-130

### BOUVÉ STUDENT SAMPLE: FOUR YEARS, TWO CO-OPS IN SPRING/SUMMER FIRST HALF

#### Year 1

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
ACCT 1201		4 INTB 1203		4 ECON 1116 and ECON 1126		4 Vacation	
ENGW 1110		4 PHTH 1260		4 PHTH core course		4	
HSCI 1000		1 PSYC 1101		4			
MATH 1231		4 BIOL course		4			
BIOL course		4					
	17		16		8		0

#### Year 2

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
ACCT 2301		4 Co-op		0 Co-op		0 PHTH core course	4
HSCI 2000		1 General elective		4		Concentration course	4
Business Elective		4					
PHTH 2210		4					
General elective		4					
	17		4		0		8

#### Year 3

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
PHTH 4511 or MGMT 3340		4 Co-op		0 Co-op		0 PHTH 4120	4
PHTH core course		4 ENGW 3306		4		PHTH 4540	4
Business elective		4					
Concentration course		4					
	16		4		0		8

#### Year 4

Fall	Hours	Spring	Hours
PHTH 4202		4 Concentration course	4
Capstone course		3-4 Social science course	3-4
Concentration course		4 General electives	8
Business elective		4	
	15-16		15-16

Total Hours: 128-130