# Health Science, BS

The health science major offers students a solid academic and experiential foundation that positions them well to pursue graduate and professional school training in the following programs:

- · Medicine
- Dentistry
- · Veterinary medicine
- · Public health
- · Physician assistant studies
- Nurse practitioner
- Pharmacy
- · Physical therapy
- · Social work
- · Speech-language pathology

In addition to the required courses for the Bachelor of Science in Health Science, students who are interested in clinical graduate school programs can utilize available elective slots to complete prerequisite courses. The Northeastern PreMed and PreHealth Advising Program (https://undergraduate.northeastern.edu/prehealth/academics-2/coursework/) provides individualized advising resources to Northeastern undergraduate students and alumni considering careers in the areas of allopathic medicine (MD), osteopathic medicine (DO), dentistry, optometry, physician assistant, podiatric medicine, or veterinary medicine. Please visit the BS Health Science webpage (https://bouve.northeastern.edu/health-sciences/programs/bs/) to learn more about premed and prehealth pathways.

The health science major is also designed for students who are seeking a strong foundation for a career in health administration and in community-based health promotion and public health.

Please visit Bouvé College Learning Outcomes (https://bouve.northeastern.edu/learning-outcomes/) for the specific student learning outcomes for this program.

## **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/).

#### **Public Health Core**

Code	Title	Hours
PHTH 1260	The American Healthcare System	4
or PHTH 1261	Comparative Healthcare Systems	
PHTH 2210	Foundations of Biostatistics	4
PHTH 2300	Communication Skills for the Health Professions	4
or PHTH 2301	Communication Skills for the Health Professions—Global	
PHTH 2350	Community and Public Health	4
or PHTH 2351	Community and Public Health - Global	

#### 2 Health Science, BS

PHTH 42515   Healthcare Policy and Administration   4     PHTH 4202   Clicabla Terspectives on Discrimination and Health   4     PHTH 4202   Principles of Epidemiology in Medicine and Public Health   4     PHTH 4202   Health Education and Program Planning   4     Science Requirement	PHTH 2515	Healthears Balisy and Administration	4
PHTH 4202		·	
PHTH 4540   Health Education and Program Planning			
Science Requirement   Code		· · · · · · · · · · · · · · · · · · ·	
Code         Title         Hours           BIOL 11113         General Biology 1         5           BIOL 1113         General Biology 2         5           BIOL 1114         and Lab for BIOL 1111         5           BIOL 1114         and Lab for BIOL 1113         5           And DEPM 1161         and Lab for CHEM 1161         5           and CHEM 1162         and Lab for CHEM 1161         4           PSYC 1101         Foundations of Peychology         4           Selectives         4         PSYC 1101         Foundations of Peychology         4           Selectives           Complete at least three courses from the groups listed below with at least two in one category. At least one of the courses and exercise score.         Mora           Society and Health           AM 1134 All Medical Anthropology           CRIM 3040         Psychology of Crime           HLTH 5280         The (in/Visability of (dis)Ability in Society           NINSH 1300         Introduction to Health and Humanities           PHTH 1270         Introduction to Global Health           PHTH 12814         Environmental Health           PHTH 1292         Health Advocacy           PHTH 1293         Foundation to Global Health and Humanities	PHTH 4540	Health Education and Program Planning	4
BIOL 1111	Science Requirement		
and BIOL 1112 and Lab for BIOL 1113 General Biology 2 58 and BIOL 1114 and Lab for BIOL 1113 General Biology 2 59 and BIOL 1114 and Lab for BIOL 1113 and CHEM 1161 General Chemistry for Science Majors 61 and CHEM 1162 and CHEM 1163 and Recitation for CHEM 1161 and CHEM 1163 and Recitation for CHEM 1161 General CHEM 1161 General CHEM 1163 and Recitation for CHEM 1161 General CHEM 1163 and Recitation for CHEM 1161 General CHEM 1163 General CHEM 1164 General CHEM 1165 General CH	Code	Title	Hours
and BIOL 1112	BIOL 1111	General Biology 1	5
### CHEM 1161   General Chemistry for Science Majors   Science Majors   General Chemistry for Majors   General Chemistry for Science   General Chemistry for General Ch	and BIOL 1112	5,	
CHEM 1161         General Chemistry for Science Majors         5           and CHEM 1162         and Lab for CHEM 1161         4           MATH 1241         Calculus 1         4           Selectives           Selectives           Code         Title         Hours           Complete at least three courses from the groups listed below with at least two in one category. At least one of the courses may be at the 2000 level or higher. Students may complete additional courses to fulfill a minor, such as global health, nutrition, and exercises science.         Society and Health           ANT 13 May 1         Medical Anthropology         Fee May 13 May 13 May 14 May	BIOL 1113	General Biology 2	5
and CHEM 1162 and Relatation for CHEM 1161 and Recitation for CHEM 1161 (APSYC1101) and Recitation Recitat	and BIOL 1114	and Lab for BIOL 1113	
and CHEM 1163         and Recitation for CHEM 1161           MATH 1241         Calculus 1         Foundations of Psychology         4           Selectives           Code         Title         Mours         Mours           Complete at least three courses from the groups listed below with at least two in one category, At least one of the courses and the courses of such as global health, nutrition, and exercise science.         9-13           Society and Health         Society and Health	CHEM 1161		5
MATH 1241         Calculus 1         4           PSYC 1101         Foundations of Psychology         4           Selectives           Code         Title         Hours           Complete at least three courses from the groups listed below with at least two in one category. At least one of the courses         9-13           must be at the 2000 level or higher. Students may complete additional courses to fulfill a minor, such as global health, nutrition, and exercise science.         9-13           Society and Health         Medical Anthropology         Permitted of the course of the courses of the courses of the courses of the courses of the course of the courses of the course of the courses of the course			
PSYC1101         Foundations of Psychology         4           Selectives           Code         Title         House           Complete at least three courses from the groups listed below with at least two in one category. At least one of the courses and severoles escience.         9-13           must be at the 2000 level or higher. Students may complete additional courses to fulfill a minor, such as global health, nutrition, and exercise science.         9-13           Society and Health         ANTH 3441         Medical Anthropology           CRIM 3940         Psychology of Crime           HLTH 5280         The (in)Visibility of (dis)Ability in Society           INSH 1300         Introduction to Introduction to Global Health           PHTH 1270         Introduction to Global Health           PHTH 2414         Environmental Health           PHTH 2516         Rural Health: An Interdisciplinary Seminar           PHTH 5232         Health Advocacy           PHTH 5234         Economic Perspectives on Health Policy           SOC1 1245         Sociology of Disability           SOC1 1260         Sociology of Grime           SOC1 2295         Sociology of Grime           SOC1 2295         Sociology of Grime           SOC2 2225         Sociology of Disability <td< td=""><td></td><td></td><td></td></td<>			
Selectives  Code Title Piture Groups I lated below with at least two in one category. At least one of the courses from the groups listed below with at least two in one category. At least one of the courses was all the 2000 level or higher. Students may complete additional courses to fulfill a minor, such as global health, nutrition, and exercise science.  Society and Health ANTH 3441			
Code         Title         Hours           Complete at least three courses from the groups listed below with at least two in one category. At least one of the courses in sub the at the 2000 level or higher. Students and complete additional courses to fulfill a minor, such as global health, nutrition, and exercise science.           Society and Health           ANTH 3441         Medical Anthropology           CRIM 3040         Psychology of Crime           HLTH 5280         The (in)Visibility of (dis)Ability in Society           INSH 1300         Introduction to Global Health           PHTH 1270         Introduction to Global Health           PHTH 2770         Introduction to Global Health           PHTH 2781         Environmental Health           PHTH 2791         Health Advocacy           PHTH 2522         Health Advocacy           PHTH 2524         Economic Perspectives on Health Policy           SOCI. 1245         Sociology of Poverty           SOCI. 1246         Environment and Society           SOCI. 1256         Sociology of Disability           SOCI. 2225         Sociology of Disability           SOCI. 2236         Environment, Technology, and Society           SOCI. 2485<	PSYC 1101	Foundations of Psychology	4
Code         Title         Hours           Complete at least three courses from the groups listed below with at least two in one category. At least one of the courses must be at the 2000 level or higher. Students are complete additional courses to fulfill a minor, such as global health, nutrition, and exercise science.           Society and Health           ANTH 3441         Medical Anthropology           CRIM 3040         Psychology of Crime           HLTH 5280         The (in)Visibility of (dis)Ability in Society           INSH 1300         Introduction to Global Health           PHTH 1270         Introduction to Global Health           PHTH 1270         Introduction to Global Health           PHTH 2616         Rural Health           PHTH 2616         Rural Health           PHTH 2622         Health Advocacy           PHTH 5234         Economic Perspectives on Health Policy           SOCI 1245         Sociology of Poverty           SOCI 1246         Environment and Society           SOCI 1255         Drugs and Society           SOCI 2225         Sociology of Disability           SOCI 2245         Environment, Technology, and Society           SOCI 2452         Environme	Selectives		
Complete at least three courses from the groups listed below with at least two in one category. At least one of the courses must be at the 2000 level or higher. Students may complete additional courses to fulfill a minor, such as global health, nutrition, and exercise science.  Society and Health  ANTH 3441 Medical Anthropology  CRIM 3040 Psychology of Crime  HLTH 5280 The (in) Visibility of (dis) Ability in Society  INSH 1300 Introduction to Health and Humanities  PHTH 1270 Introduction to Global Health  or AFCS 1270 Introduction to Global Health  PHTH 2414 Environmental Health  PHTH 2516 Rural Health: An Interdisciplinary Seminar  PHTH 5222 Health Advocacy  PHTH 5222 Health Advocacy  PHTH 5224 Economic Perspectives on Health Policy  SOCI. 1245 Sociology of Foverty  SOCI. 1246 Environment and Society  SOCI. 1295 Drugs and Society  SOCI. 1295 Drugs and Society  SOCI. 2205 Sociology of Gender  SOCI. 2303 Gender and Reproductive Justice  SOCI. 2485 Environment, Technology, and Society  SOCI. 2481 Sociology of Health and Illness  SOCI. 4522 Environmental Justice  WMNS 1225 Gender, ance, and Medicial Economics  ECON 1230 Healthcare and Medical Economics  ECON 3404 International Food Policy  HUSY 3800 Social Policy  INUS 2800 Global Social Enterprise  LPSC 2301 Introduction to Law, Policy, and Society  MGMT 3340 Healthcare Management, Innovation, and Design  ORGB 3201 Organizational Behavior  PHTH 5532 Evaluating Healthcare Quality	Code	Title	Hours
must be at the 2000 level or higher. Students may complete additional courses to fulfill a minor, such as global health, nutrition, and exercise science.  Society and Health ANTH 3441 Medical Anthropology CRIM 3040 Psychology of Crime HLTH 5280 The (in)Visibility of (dis)Ability in Society INSH 1300 Introduction to Health and Humanities INTH 1270 Introduction to Global Health Or AFCS 1270 Introduction to Global Health PHTH 2714 Environmental Health PHTH 2616 Rural Health: An Interdisciplinary Seminar PHTH 5212 Health Advocacy PHTH 5234 Economic Perspectives on Health Policy SOCL 1245 Sociology of Poverty SOCL 1246 Environment and Society SOCL 1260 Sociology of Gender SOCL 1295 Drugs and Society SOCL 2225 Sociology of Disability SOCL 2203 Gender and Reproductive Justice SOCL 2485 Environmental Justice SOCL 3441 Sociology of Health and Illness SOCL 4522 Environmental Justice WMNS 1225 Gender, Race, and Medicial Economics ECON 1304 International Food Policy HUSV 2800 Sexual Orientation and Gender Expression HUSV 2800 Sexual Orientation and Gender Expression HUSV 3900 Social Policy INNO 2206 Global Social Enterprise LPSC 2301 Introduction to Law, Policy, and Society MGMT 3340 Healthcare Management, Innovation, and Design ORGB 3201 Organizational Behavior PHTH 4511 Healthcare Management PHTH 5532 Evaluating Healthcare Quality			
ANTH 3441 Medical Anthropology CRIM 3040 Psychology of Crime HLTH 5280 The (in)Visibility of (dis)Ability in Society INSH 1300 Introduction to Health and Humanities PHTH 1270 Introduction to Global Health PHTH 270 Introduction to Global Health PHTH 2616 Rural Health PHTH 2616 Rural Health: An Interdisciplinary Seminar PHTH 5222 Health Advocacy PHTH 5234 Economic Perspectives on Health Policy SOCL 1245 Sociology of Poverty SOCL 1245 Sociology of Gender SOCL 1246 Environment and Society SOCL 1260 Sociology of Gender SOCL 1295 Drugs and Society SOCL 2225 Sociology of Disability SOCL 2225 Sociology of Disability SOCL 2303 Gender and Reproductive Justice SOCL 2481 Environment, Technology, and Society SOCL 3441 Sociology of Health and Illness SOCL 4852 Environment, Technology, and Society SOCL 3441 Sociology of Health and Illness SOCL 4622 Environment, Technology, and Society SOCL 3404 International Food Policy HUSV 2800 Sexual Orientation and Gender Expression HUSV 2800 Sexual Orientation and Gender Expression HUSV 3900 Social Policy Introduction to Law, Policy, and Society MGMT 3340 Healthcare Management, Innovation, and Design ORGB 3201 Organizational Behavior PHTH 4511 Healthcare Management PHTH 4511 Healthcare Management PHTH 5232 Evaluating Healthcare Quality	must be at the 2000 level or higher. Student	• •	3 10
ANTH 3441 Medical Anthropology CRIM 3040 Psychology of Crime HLTH 5280 The (in)Visibility of (dis)Ability in Society INSH 1300 Introduction to Health and Humanities PHTH 1270 Introduction to Global Health PHTH 270 Introduction to Global Health PHTH 2616 Rural Health PHTH 2616 Rural Health: An Interdisciplinary Seminar PHTH 5222 Health Advocacy PHTH 5234 Economic Perspectives on Health Policy SOCL 1245 Sociology of Poverty SOCL 1245 Sociology of Gender SOCL 1246 Environment and Society SOCL 1260 Sociology of Gender SOCL 1295 Drugs and Society SOCL 2225 Sociology of Disability SOCL 2225 Sociology of Disability SOCL 2303 Gender and Reproductive Justice SOCL 2481 Environment, Technology, and Society SOCL 3441 Sociology of Health and Illness SOCL 4852 Environment, Technology, and Society SOCL 3441 Sociology of Health and Illness SOCL 4622 Environment, Technology, and Society SOCL 3404 International Food Policy HUSV 2800 Sexual Orientation and Gender Expression HUSV 2800 Sexual Orientation and Gender Expression HUSV 3900 Social Policy Introduction to Law, Policy, and Society MGMT 3340 Healthcare Management, Innovation, and Design ORGB 3201 Organizational Behavior PHTH 4511 Healthcare Management PHTH 4511 Healthcare Management PHTH 5232 Evaluating Healthcare Quality	Society and Health		
CRIM 3040         Psychology of Crime           HLTH 5280         The (in)Visibility of (dis)Ability in Society           INSH 1300         Introduction to Health and Humanities           PHTH 1270         Introduction to Global Health           Or AFCS 1270         Introduction to Global Health           PHTH 2414         Environmental Health           PHTH 2616         Rural Health: An Interdisciplinary Seminar           PHTH 5222         Health Advocacy           PHTH 5234         Economic Perspectives on Health Policy           SOCL 1245         Sociology of Poverty           SOCL 1246         Environment and Society           SOCL 1260         Sociology of Gender           SOCL 1295         Drugs and Society           SOCL 2225         Sociology of Disability           SOCL 22303         Gender and Reproductive Justice           SOCL 2485         Environment, Technology, and Society           SOCL 3441         Sociology of Health and Illness           SOCL 3452         Environmental Justice           WMNS 1225         Gender, Race, and Medicine           Policy and Administration         ECON 1230           ECON 1230         Healthcare and Medical Economics           ECON 3404         International Food Policy           HUSV 280		Medical Anthropology	
HLTH 5280 The (in)Visibility of (dis)Ability in Society INSH 1300 Introduction to Health and Humanities PHTH 1270 Introduction to Global Health or AFCS 1270 Introduction to Global Health PHTH 2414 Environmental Health PHTH 2616 Rural Health: An Interdisciplinary Seminar PHTH 5222 Health Advocacy PHTH 5234 Economic Perspectives on Health Policy SOCL 1245 Sociology of Poverty SOCL 1246 Environment and Society SOCL 1260 Sociology of Gender SOCL 1295 Drugs and Society SOCL 2225 Sociology of Disability SOCL 2225 Sociology of Disability SOCL 2303 Gender and Reproductive Justice SOCL 2485 Environment, Technology, and Society SOCL 3441 Sociology of Health and Illness SOCL 4522 Environmental Justice WMNS 1225 Gender, Race, and Medicine Policy and Administration ECON 1230 Healthcare and Medical Economics ECON 3404 International Food Policy HUSV 2800 Sexual Orientation and Gender Expression HUSV 3900 Social Enterprise LPSC 2301 Introduction to Law, Policy, and Society MGMT 3340 Healthcare Management, Innovation, and Design ORGB 3201 Organizational Behavior PHTH 4511 Healthcare Management PHTH 5232 Evaluating Healthcare Quality		·	
INSH 1300 Introduction to Health and Humanities PHTH 1270 Introduction to Global Health or AFCS 1270 Introduction to Global Health PHTH 2414 Environmental Health PHTH 2616 Rural Health: An Interdisciplinary Seminar PHTH 5222 Health Advocacy PHTH 5234 Economic Perspectives on Health Policy SOCL 1245 Sociology of Poverty SOCL 1246 Environment and Society SOCL 1246 Sociology of Gender SOCL 1295 Drugs and Society SOCL 1295 Drugs and Society SOCL 2203 Gender and Reproductive Justice SOCL 2303 Gender and Reproductive Justice SOCL 2485 Environment, Technology, and Society SOCL 3441 Sociology of Health and Illness SOCL 4852 Environment, Justice WMNS 1225 Gender, Race, and Medicine Policy and Administration ECON 1230 Healthcare and Medical Economics ECON 3404 International Food Policy HUSV 2800 Sexual Orientation and Gender Expression HUSV 3900 Social Policy INNO 2206 Global Social Enterprise LPSC 2301 Introduction to Law, Policy, and Society MGMT 3340 Healthcare Management, Innovation, and Design ORGB 3201 Organizational Behavior PHTH 4511 Healthcare Management PHTH 5232 Evaluating Healthcare Quality			
PHTH 1270 Introduction to Global Health or AFCS 1270 Introduction to Global Health PHTH 2414 Environmental Health PHTH 2616 Rural Health: An Interdisciplinary Seminar PHTH 5212 Health Advocacy PHTH 5222 Health Advocacy PHTH 5234 Economic Perspectives on Health Policy SOCL 1245 Sociology of Poverty SOCL 1246 Environment and Society SOCL 1260 Sociology of Gender SOCL 1295 Drugs and Society SOCL 2225 Sociology of Disability SOCL 2303 Gender and Reproductive Justice SOCL 2485 Environment, Technology, and Society SOCL 3031 Gender and Reproductive Justice SOCL 3441 Sociology of Health and Illness SOCL 4825 Environmental Justice WMNS 1225 Gender, Race, and Medicine Policy and Administration ECON 1230 Healthcare and Medical Economics ECON 3404 International Food Policy HUSV 2800 Sexual Orientation and Gender Expression HUSV 3900 Social Policy INNO 2206 Global Social Enterprise LPSC 2301 Introduction to Law, Policy, and Society MGMT 3340 Healthcare Management, Innovation, and Design ORGB 3201 Organizational Behavior PHTH 4511 Healthcare Management PHTH 5232 Evaluating Healthcare Quality	INSH 1300		
or AFCS 1270 Introduction to Global Health PHTH 2414 Environmental Health PHTH 2616 Rural Health: An Interdisciplinary Seminar PHTH 5222 Health Advocacy PHTH 5234 Economic Perspectives on Health Policy SOCL 1245 Sociology of Poverty SOCL 1246 Environment and Society SOCL 1260 Sociology of Gender SOCL 1295 Drugs and Society SOCL 2225 Sociology of Bisability SOCL 2225 Sociology of Disability SOCL 2303 Gender and Reproductive Justice SOCL 2485 Environment, Technology, and Society SOCL 3441 Sociology of Health and Illness SOCL 3441 Sociology of Health and Illness SOCL 4522 Environmental Justice WMNS 1225 Gender, Race, and Medicine  Policy and Administration ECON 1230 Health care and Medical Economics ECON 3404 International Food Policy HUSV 2800 Sexual Orientation and Gender Expression HUSV 3900 Social Policy INNO 2206 Global Social Enterprise LPSC 2301 Introduction to Law, Policy, and Society MGMT 3340 Healthcare Management, Innovation, and Design ORGB 3201 Organizational Behavior PHTH 4511 Healthcare Management PHTH 5232 Evaluating Healthcare Quality			
PHTH 2414 Environmental Health PHTH 2616 Rural Health: An Interdisciplinary Seminar PHTH 5222 Health Advocacy PHTH 5234 Economic Perspectives on Health Policy SOCL 1245 Sociology of Poverty SOCL 1246 Environment and Society SOCL 1260 Sociology of Gender SOCL 1295 Drugs and Society SOCL 2225 Sociology of Disability SOCL 2303 Gender and Reproductive Justice SOCL 2303 Gender and Reproductive Justice SOCL 2485 Environment, Technology, and Society SOCL 3441 Sociology of Health and Illness SOCL 4522 Environmental Justice WMNS 1225 Gender, Race, and Medicine Policy and Administration ECON 1230 Healthcare and Medical Economics ECON 3404 International Food Policy HUSV 2800 Sexual Orientation and Gender Expression HUSV 3900 Social Policy INNO 2206 Global Social Enterprise LPSC 2301 Introduction to Law, Policy, and Society MGMT 3340 Healthcare Management, Innovation, and Design ORGB 3201 Organizational Behavior PHTH 4511 Healthcare Management PHTH 5232 Evaluating Healthcare Quality			
PHTH 2616 Rural Health: An Interdisciplinary Seminar PHTH 5222 Health Advocacy PHTH 5234 Economic Perspectives on Health Policy SOCL 1245 Sociology of Poverty SOCL 1246 Environment and Society SOCL 1260 Sociology of Gender SOCL 1295 Drugs and Society SOCL 2225 Sociology of Disability SOCL 233 Gender and Reproductive Justice SOCL 2485 Environment, Technology, and Society SOCL 3441 Sociology of Health and Illness SOCL 4522 Environmental Justice WMNS 1225 Gender, Race, and Medicine Policy and Administration ECON 1230 Healthcare and Medical Economics ECON 3404 International Food Policy HUSV 2800 Sexual Orientation and Gender Expression HUSV 3900 Social Policy INNO 2206 Global Social Enterprise LPSC 2301 Introduction to Law, Policy, and Society MGMT 3340 Healthcare Management, Innovation, and Design ORGB 3201 Organizational Behavior PHTH 4511 Healthcare Management PHTH 5232 Evaluating Healthcare Quality			
PHTH 5222 Health Advocacy PHTH 5234 Economic Perspectives on Health Policy SOCL 1245 Sociology of Poverty SOCL 1246 Environment and Society SOCL 1296 Sociology of Gender SOCL 1295 Drugs and Society SOCL 2225 Sociology of Disability SOCL 22303 Gender and Reproductive Justice SOCL 2485 Environment, Technology, and Society SOCL 3441 Sociology of Health and Illness SOCL 3452 Environmental Justice WMNS 1225 Gender, Race, and Medicine  Policy and Administration ECON 1230 Health care and Medical Economics ECON 3404 International Food Policy HUSV 2800 Sexual Orientation and Gender Expression HUSV 3900 Social Policy INNO 2206 Global Social Enterprise LPSC 2301 Introduction to Law, Policy, and Society MGMT 3340 Healthcare Management, Innovation, and Design ORGB 3201 Organizational Behavior PHTH 4511 Healthcare Management PHTH 5532 Evaluating Healthcare Quality			
PHTH 5234 Economic Perspectives on Health Policy  SOCL 1245 Sociology of Poverty  SOCL 1246 Environment and Society  SOCL 1260 Sociology of Gender  SOCL 1295 Drugs and Society  SOCL 2225 Sociology of Disability  SOCL 2303 Gender and Reproductive Justice  SOCL 2485 Environment, Technology, and Society  SOCL 3441 Sociology of Health and Illness  SOCL 4522 Environmental Justice  WMNS 1225 Gender, Race, and Medicine  Policy and Administration  ECON 1230 Healthcare and Medical Economics  ECON 3404 International Food Policy  HUSV 2800 Sexual Orientation and Gender Expression  HUSV 3900 Social Policy  INNO 2206 Global Social Enterprise  LPSC 2301 Introduction to Law, Policy, and Society  MGMT 3340 Healthcare Management, Innovation, and Design  ORGB 3201 Organizational Behavior  PHTH 4511 Healthcare Management  PHTH 5232 Evaluating Healthcare Quality			
SOCL 1245 SOCI 1246 Environment and Society SOCL 1260 SOCI 1295 Drugs and Society SOCL 2225 SOCI 1295 SOCL 2225 SOCI 1295 SOCL 22303 Gender and Reproductive Justice SOCL 2485 Environment, Technology, and Society SOCL 3441 SOCI 3441 SOCI 3441 SOCI 3452 Environmental Justice WMNS 1225 Gender, Race, and Medicine  Policy and Administration ECON 1230 Healthcare and Medical Economics ECON 3404 International Food Policy HUSV 2800 Sexual Orientation and Gender Expression HUSV 3900 SOCIal Policy INNO 2206 Global Social Enterprise LPSC 2301 Introduction to Law, Policy, and Society MGMT 3340 Healthcare Management PHTH 4511 Healthcare Management PHTH 4511 Healthcare Management PHTH 5232 Evaluating Healthcare Quality		•	
SOCL 1246 Environment and Society SOCL 1260 Sociology of Gender SOCL 1295 Drugs and Society SOCL 2225 Sociology of Disability SOCL 2303 Gender and Reproductive Justice SOCL 2485 Environment, Technology, and Society SOCL 3441 Sociology of Health and Illness SOCL 4522 Environmental Justice WMNS 1225 Gender, Race, and Medicine  Policy and Administration ECON 1230 Healthcare and Medical Economics ECON 3404 International Food Policy HUSV 2800 Sexual Orientation and Gender Expression HUSV 3900 Social Policy INNO 2206 Global Social Enterprise LPSC 2301 Introduction to Law, Policy, and Society MGMT 3340 Healthcare Management, Innovation, and Design ORGB 3201 Organizational Behavior PHTH 4511 Healthcare Management PHTH 5232 Evaluating Healthcare Quality		· · · · · · · · · · · · · · · · · · ·	
SOCL 1260 Sociology of Gender SOCL 1295 Drugs and Society SOCL 2225 Sociology of Disability SOCL 2303 Gender and Reproductive Justice SOCL 2485 Environment, Technology, and Society SOCL 3441 Sociology of Health and Illness SOCL 4522 Environmental Justice WMNS 1225 Gender, Race, and Medicine  Policy and Administration ECON 1230 Healthcare and Medical Economics ECON 3404 International Food Policy HUSV 2800 Sexual Orientation and Gender Expression HUSV 3900 Social Policy INNO 2206 Global Social Enterprise LPSC 2301 Introduction to Law, Policy, and Society MGMT 3340 Healthcare Management, Innovation, and Design ORGB 3201 Organizational Behavior PHTH 4511 Healthcare Management PHTH 5232 Evaluating Healthcare Quality			
SOCL 1295  Drugs and Society  SOCL 2225  Sociology of Disability  SOCL 2303  Gender and Reproductive Justice  SOCL 2485  Environment, Technology, and Society  SOCL 3441  Sociology of Health and Illness  SOCL 4522  Environmental Justice  WMNS 1225  Gender, Race, and Medicine  Policy and Administration  ECON 1230  Healthcare and Medical Economics  ECON 3404  International Food Policy  HUSV 2800  Sexual Orientation and Gender Expression  HUSV 3900  Social Policy  INNO 2206  Global Social Enterprise  LPSC 2301  Introduction to Law, Policy, and Society  MGMT 3340  Healthcare Management, Innovation, and Design  ORGB 3201  Organizational Behavior  PHTH 4511  Healthcare Management  PHTH 5232  Evaluating Healthcare Quality		·	
SOCL 2225 Sociology of Disability SOCL 2303 Gender and Reproductive Justice SOCL 2485 Environment, Technology, and Society SOCL 3441 Sociology of Health and Illness SOCL 4522 Environmental Justice WMNS 1225 Gender, Race, and Medicine  Policy and Administration  ECON 1230 Healthcare and Medical Economics ECON 3404 International Food Policy HUSV 2800 Sexual Orientation and Gender Expression HUSV 3900 Social Policy INNO 2206 Global Social Enterprise LPSC 2301 Introduction to Law, Policy, and Society MGMT 3340 Healthcare Management, Innovation, and Design ORGB 3201 Organizational Behavior PHTH 4511 Healthcare Management PHTH 5232 Evaluating Healthcare Quality		•	
SOCL 2303 Gender and Reproductive Justice  SOCL 2485 Environment, Technology, and Society  SOCL 3441 Sociology of Health and Illness  SOCL 4522 Environmental Justice  WMNS 1225 Gender, Race, and Medicine  Policy and Administration  ECON 1230 Healthcare and Medical Economics  ECON 3404 International Food Policy  HUSV 2800 Sexual Orientation and Gender Expression  HUSV 3900 Social Policy  INNO 2206 Global Social Enterprise  LPSC 2301 Introduction to Law, Policy, and Society  MGMT 3340 Healthcare Management, Innovation, and Design  ORGB 3201 Organizational Behavior  PHTH 4511 Healthcare Management  PHTH 5232 Evaluating Healthcare Quality		•	
SOCL 2485 Environment, Technology, and Society SOCL 3441 Sociology of Health and Illness SOCL 4522 Environmental Justice WMNS 1225 Gender, Race, and Medicine  Policy and Administration  ECON 1230 Healthcare and Medical Economics ECON 3404 International Food Policy HUSV 2800 Sexual Orientation and Gender Expression HUSV 3900 Social Policy INNO 2206 Global Social Enterprise LPSC 2301 Introduction to Law, Policy, and Society MGMT 3340 Healthcare Management, Innovation, and Design ORGB 3201 Organizational Behavior PHTH 4511 Healthcare Management PHTH 5232 Evaluating Healthcare Quality			
SOCL 3441 Sociology of Health and Illness SOCL 4522 Environmental Justice WMNS 1225 Gender, Race, and Medicine  Policy and Administration ECON 1230 Healthcare and Medical Economics ECON 3404 International Food Policy HUSV 2800 Sexual Orientation and Gender Expression HUSV 3900 Social Policy INNO 2206 Global Social Enterprise LPSC 2301 Introduction to Law, Policy, and Society MGMT 3340 Healthcare Management, Innovation, and Design ORGB 3201 Organizational Behavior PHTH 4511 Healthcare Management PHTH 5232 Evaluating Healthcare Quality			
SOCL 4522 Environmental Justice WMNS 1225 Gender, Race, and Medicine  Policy and Administration  ECON 1230 Healthcare and Medical Economics  ECON 3404 International Food Policy HUSV 2800 Sexual Orientation and Gender Expression HUSV 3900 Social Policy INNO 2206 Global Social Enterprise LPSC 2301 Introduction to Law, Policy, and Society MGMT 3340 Healthcare Management, Innovation, and Design ORGB 3201 Organizational Behavior PHTH 4511 Healthcare Management PHTH 5232 Evaluating Healthcare Quality			
WMNS 1225 Gender, Race, and Medicine  Policy and Administration  ECON 1230 Healthcare and Medical Economics  ECON 3404 International Food Policy  HUSV 2800 Sexual Orientation and Gender Expression  HUSV 3900 Social Policy  INNO 2206 Global Social Enterprise  LPSC 2301 Introduction to Law, Policy, and Society  MGMT 3340 Healthcare Management, Innovation, and Design  ORGB 3201 Organizational Behavior  PHTH 4511 Healthcare Management  PHTH 5232 Evaluating Healthcare Quality			
Policy and Administration  ECON 1230 Healthcare and Medical Economics  ECON 3404 International Food Policy  HUSV 2800 Sexual Orientation and Gender Expression  HUSV 3900 Social Policy  INNO 2206 Global Social Enterprise  LPSC 2301 Introduction to Law, Policy, and Society  MGMT 3340 Healthcare Management, Innovation, and Design  ORGB 3201 Organizational Behavior  PHTH 4511 Healthcare Management  PHTH 5232 Evaluating Healthcare Quality			
ECON 1230 Healthcare and Medical Economics  ECON 3404 International Food Policy  HUSV 2800 Sexual Orientation and Gender Expression  HUSV 3900 Social Policy  INNO 2206 Global Social Enterprise  LPSC 2301 Introduction to Law, Policy, and Society  MGMT 3340 Healthcare Management, Innovation, and Design  ORGB 3201 Organizational Behavior  PHTH 4511 Healthcare Management  PHTH 5232 Evaluating Healthcare Quality			
HUSV 2800 Sexual Orientation and Gender Expression  HUSV 3900 Social Policy  INNO 2206 Global Social Enterprise  LPSC 2301 Introduction to Law, Policy, and Society  MGMT 3340 Healthcare Management, Innovation, and Design  ORGB 3201 Organizational Behavior  PHTH 4511 Healthcare Management  PHTH 5232 Evaluating Healthcare Quality	•	Healthcare and Medical Economics	
HUSV 2800 Sexual Orientation and Gender Expression  HUSV 3900 Social Policy  INNO 2206 Global Social Enterprise  LPSC 2301 Introduction to Law, Policy, and Society  MGMT 3340 Healthcare Management, Innovation, and Design  ORGB 3201 Organizational Behavior  PHTH 4511 Healthcare Management  PHTH 5232 Evaluating Healthcare Quality	ECON 3404	International Food Policy	
HUSV 3900 Social Policy INNO 2206 Global Social Enterprise LPSC 2301 Introduction to Law, Policy, and Society MGMT 3340 Healthcare Management, Innovation, and Design ORGB 3201 Organizational Behavior PHTH 4511 Healthcare Management PHTH 5232 Evaluating Healthcare Quality			
INNO 2206 Global Social Enterprise  LPSC 2301 Introduction to Law, Policy, and Society  MGMT 3340 Healthcare Management, Innovation, and Design  ORGB 3201 Organizational Behavior  PHTH 4511 Healthcare Management  PHTH 5232 Evaluating Healthcare Quality			
LPSC 2301 Introduction to Law, Policy, and Society MGMT 3340 Healthcare Management, Innovation, and Design ORGB 3201 Organizational Behavior PHTH 4511 Healthcare Management PHTH 5232 Evaluating Healthcare Quality			
MGMT 3340 Healthcare Management, Innovation, and Design ORGB 3201 Organizational Behavior PHTH 4511 Healthcare Management PHTH 5232 Evaluating Healthcare Quality			
ORGB 3201 Organizational Behavior  PHTH 4511 Healthcare Management  PHTH 5232 Evaluating Healthcare Quality			
PHTH 4511 Healthcare Management PHTH 5232 Evaluating Healthcare Quality	ORGB 3201		
PHTH 5232 Evaluating Healthcare Quality			
		-	
	PHTH 5234		

POLS 2395	Environmental Politics and Policy
POLS 3309	Lesbian, Gay, Bisexual, and Transgender Issues in Public Policy
SOCL 2205	Law and Social Justice
SOCL 3241	Violence and Society
lutrition and Wellness	
CAEP 1280	Introduction to Mindfulness
CAEP 1290	Personal Behavior Change
CAEP 2012	Health Psychology: An Introduction
CAEP 2101	Behavioral Assessment and Treatment of Health Problems in the 21st Century
COMM 2555	Games for Change
COMM 3201	Health Communication
EXSC 1120	Introduction to Exercise, Fitness, and Health
EXSC 4500	Exercise Physiology 1
and EXSC 4501	and Lab for EXSC 4500
EXSC 5200	Cardiopulmonary Physiology
EXSC 5220	Advanced Exercise Physiology
HSCI 1105	Human Nutrition
HSCI 1106	Contemporary Issues in Nutrition
HSCI 2350	Advanced Nutrition in Health and Disease
HSCI 2500	Public Health Nutrition in the Community
PSYC 1250	Drugs and Behavior
igital Health	
CS 2500 and CS 2501	Fundamentals of Computer Science 1 and Lab for CS 2500
DS 2000 and DS 2001	Programming with Data and Data Science Programming Practicum
DS 4200	Information Presentation and Visualization
HINF 5101	Introduction to Health Informatics and Health Information Systems
HINF 5200	Theoretical Foundations in Personal Health Informatics
HINF 5300	Personal Health Interface Design and Development
IS 2000	Principles of Information Science
IS 4800	Empirical Research Methods
lealth Data Science	
ANTH 3410	Ethnographic Field Experience
ARCH 5312	Mapping and Building Health
INSH 5304	Social Network Analysis
PHIL 3065	Bioethics in the Age of Big Data
PHTH 3250	Fundamentals of Qualitative Research
PHTH 5202	Introduction to Epidemiology
POLS 2399	Research Methods in Political Science

# **Capstone Requirement**

Code	Title	Hours
Health Science Capstone		
Complete capstone through a capstone cou	rse, a capstone project, or through an Honors Project.	3-4
Capstone Course Options		
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	

Capstone Project Options

#### 4 Health Science, BS

HSCI 4720	Health Science Capstone—Service (must complete 0-credit HSCI 4700 as pre-requisite)
HSCI 4730	Health Science Capstone—Research (must complete 0-credit HSCI 4700 as pre-requisite)
11 B 1 1 B 11	

Honors Project Option

Must meet GPA requirement and complete both courses:\*

HSCI 4970	Junior/Senior Honors Project 1
and HSCI 4971	and Junior/Senior Honors Project 2

<sup>\*</sup>HSCI 4970 will count as 4 semester hours toward general electives.

## **Other Major Requirements**

Code	Title	Hours
HSCI 1000	College: An Introduction	1
HSCI 2000	Professional Development for Bouvé Co-op	1
ENGW 1111	First-Year Writing	4
ENGW 3306	Advanced Writing in the Health Professions	4
PHIL 1165	Moral and Social Problems in Healthcare	4

#### **Electives**

CodeTitleHoursComplete a minimum of 41 semester hours of general electives. Total elective semester hours required to meet degree41completion requirement will depend on student's choice of selectives above.

#### **Health Science Major Requirement**

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

#### **Academic Policies and Procedures**

Please visit Bouvé College of Health Sciences Undergraduate page (https://catalog.northeastern.edu/undergraduate/health-sciences/) for academic policies and procedures, including Academic Appeals (https://catalog.northeastern.edu/undergraduate/academic-policies-procedures/academic-appeals-policies-procedures/).

## **Program Requirement**

132 total semester hours required

#### Plan of Study

## Sample Plan of Study: Four Years, Two Co-ops in Summer2/Fall

V	1
rear	

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
HSCI 1000		1 PSYC 1101		4 Elective		4 Vacation	
PHTH 1260		4 Elective		4 PHTH core course		4	
MATH 1241		4 BIOL 1113 and BIOL 1114		5			
BIOL 1111 and BIOL 1112		5 CHEM 1161 and CHEM 1162 and CHEM 1163		5			
ENGW 1111		4					
		18		18		8	0
Year 2							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
PHTH core course		4 HSCI 2000		1 Elective		4 Co-op	0
Electives		8 PHTH 2210		4 PHTH core course		4	
PHIL 1165		4 Electives		12			
		16		17		8	0
Year 3							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
Со-ор		0 ENGW 3306		4 Elective or selective		4 Co-op	0
Elective or selective		4 Elective or selective		8 PHTH core course		4	

		PHTH core course	4		
		4	16	8	0
Year 4					
Fall	Hours	Spring	Hours		
Со-ор		0 Capstone course	4		
Elective or selective		4 PHTH core course	4		
		Elective or selective	8		
		4	16		

Total Hours: 133

# Four Years, Two Co-ops in Spring/Summer 1

Tour reard, The oc	opo o	prinig/ Garininer 1					
Year 1							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
HSCI 1000		1 BIOL 1113		4 PHTH core course		4 Vacation	
PHTH 1260		4 BIOL 1114		1 Elective		4	
PSYC 1101		4 MATH 1241		4			
BIOL 1111		4 Elective		4			
BIOL 1112		1 CHEM 1161		4			
ENGW 1111		4 CHEM 1162		1			
		CHEM 1163		0			
		18		18		8	0
Year 2							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
HSCI 2000		1 Co-op		0 Co-op		0 PHIL 1165	4
PHTH 2210		4 Elective		4		PHTH core course	4
PHTH core course		4					
Electives		8					
		17		4		0	8
Year 3							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
ENGW 3306		4 Co-op		0 Co-op		0 Elective or selective	4
Elective or selectives		8 Elective or selective		4		PHTH core course	4
PHTH core course		4					
		16		4		0	8
Year 4							
Fall	Hours	Spring	Hours				
PHTH core course		4 Electives or selectives		16			
Elective or selectives		8					
Capstone course		4					
		16		16			

Total Hours: 133

<sup>1</sup> Credit count of selective/elective is dependent on credit count of selective/elective in same term to avoid unintended credit overload.