



PlusOne Programs

Course Eligibility

This list shows the PlusOne programs available to students in the Bouvé College of Health Sciences, with the undergraduate majors that are eligible to become PlusOnes, and the graduate courses that can be “double-counted” toward your PlusOne degree. To determine which courses are eligible for your PlusOne Pathway, find your intended graduate degree and then look for your current undergraduate major.

Where fewer than four courses are listed, the remaining courses will be determined on the basis of the student's program in consultation with the graduate and undergraduate advisors.

*In Bouve many courses are 3 credits each so students may take up to five courses (15 credits) and still double-count them in the PlusOne Pathway.

Please Note: This information is valid as of October 2024, but is subject to change. Be sure to visit bouve.northeastern.edu for the most up-to-date information.

Master's Degree Programs:

- Master of Public Health
- Master of Science in Applied Behavioral Analysis
- Master of Science in Applied Psychology
- Master of Science Applied Educational Psychology/School Psychology
- Master of Science in Medicinal Chemistry and Drug Discovery
- Master of Science in Pharmaceuticals and Drug Delivery
- Master of Science in Pharmacology
- Master of Science in Biomedical Sciences
- Master of Science in Speech-Language Pathology
- Master of Science in Human Movement and Rehabilitation Sciences
- Master of Science in Health Informatics (no concentration option)

Master of Public Health

- **Health Science, BS; Healthcare Administration (formerly Health Management)**

- PHTH 5212 - Public Health Administration and Policy
- PHTH 6200 - Principles and History of Urban Health
- PHTH 5120 - Race, Ethnicity and Health
- PHTH 6204 - Society, Behavior, and Health

And in the final UG semester, complete one of the following courses:

- PHTH 5214 - Environmental Health
- PHTH 5202 - Introduction to Epidemiology
- PHTH 5210 - Biostatistics in Public Health

- **Bachelor of Science in Nursing (BSN)**

There will be 5 unique course maps for BSN students on the 4- or 5-year plans. All students complete 12 credits:

- PHTH 5540: Health Education and Program Planning (online)
- PHTH 6200: Principles and History of Urban Health (online)

And two of the following three courses depending on their co-op schedule:

- PHTH 5214: Environmental Health (online)
- PHTH 6204: Society, Behavior and Health (on campus)
- PHTH 6208: Urban Community Health Assessment (online)

- **BS Pharmacy Studies / Early Assurance PharmD**

- PHTH 5212 - Public Health Administration and Policy
- PHTH 5214 - Environmental Health
- PHTH 6200 - Principles and History of Urban Health
- PHTH 6204 - Society, Behavior, and Health

- **All other majors**

- PHTH 5212 - Public Health Administration and Policy
- PHTH 5214 - Environmental Health
- PHTH 6200 - Principles and History of Urban Health
- PHTH 6204 - Society, Behavior, and Health

Master of Science in Applied Behavioral Analysis

- **Psychology, BS (CPS or COS)**
 - CAEP 6326 – Behavioral Concepts and Principles
 - CAEP 6327 - Behavior Assessment
 - CAEP 6328 - Single-case research design
 - CAEP 6329 - Ethics for Behavior Analysts
 - CAEP 6341 - Behavioral Interventions

- **BS Behavioral Neuroscience**
 - CAEP 6326 - Behavioral Concepts and Principles (3 credits) counts for Advanced PSYC elective.
 - CAEP 6327 - Behavior Assessment (3 credits) counts for BNS Breadth course (substitute for PHYS 1 requirement)
 - CAEP 6328 - Research and Design Methods (3 credits) counts for BNS Core Research course
 - CAEP 6329 - Service Administration (3 credits) General elective for credit hours

- **All others**
 - CAEP 6326 - Behavioral Concepts and Principles (3 credits) counts for Advanced PSYC elective.
 - CAEP 6327 - Behavior Assessment (3 credits) counts for BNS Breadth course (substitute for PHYS 1 requirement)
 - CAEP 6328 - Research and Design Methods (3 credits) counts for BNS Core Research course
 - CAEP 6329 - Service Administration (3 credits) General elective for credit hours

Master of Science in Applied Psychology

- **Psychology, Health Sciences, or Human Services** – Choose up to 16 SH from the following:
 - **MS Core**
 - CAEP 5877 Research Methods in Applied Psychology (Fall)
 - HLTH 5410 Introduction to Statistics in Health and Behavioral Science (Spring)
 - **Child, Adolescent and Family Psychology Concentration:**
 - CAEP 5150 Early Intervention: Family Systems (Fall)
 - CAEP 5878 Pediatric Psychology (Fall)
 - CAEP 5879 Trauma and mental health (Spring)
 - **Prevention Science Concentration:**
 - CAEP 5876 Mental Health Education and Program Planning (Spring)"

Master of Science Applied Educational Psychology/School Psychology

- **Psychology, BS**
 - CAEP 6206 – Learning Principles
 - CAEP 6218- Infant, Child, and Adolescent Development
 - CAEP 6247 – Child and Adolescent Psychopathology
 - CAEP 6203 - Understanding Culture and Diversity

Master of Science in Medicinal Chemistry and Drug Discovery

- **Pharmaceutical Sciences, BS, and all other BS programs with similar science-based courses**
 - PHSC 5100 -Concepts in Pharmaceutical Science (2 SH) (available in Fall, must be taken in first semester of PlusOne)
 - CHEM 5628 -Principles of Spectroscopy of Organic Compounds (3 SH) (available in Fall)
 - CHEM 5626 -Organic synthesis I (3 SH) (available in Fall)
 - CHEM 5676 -Bioorganic Chemistry (3 SH) (available in Spring)
 - *In addition to the courses listed above, students can select up to 5 SH from 5000 level (or higher if course is deemed appropriate for an undergraduate student) elective credits in the following course subjects: PHSC, PMLC, PMST, NNMD, BIOL, BIOT, CHEM to increase the number of shared graduate credits that may count towards the MS degree up to a maximum of 16 shared credits.*

Master of Science in Pharmaceutics and Drug Delivery

- **Pharmaceutical Sciences, BS, and all other BS programs with similar science-based courses**
 - PHSC 5100 - Concepts in Pharmaceutical Science (2 SH) (available in Fall, must be taken in first semester of PlusOne)
 - PHSC 5300 - Pharmaceutical Biochemistry (2 SH) (available in Spring)
 - PHSC 5310 - Cellular Physiology (2 SH) (available in Spring)
 - PMST 6250 - Advanced Physical Pharmacy (2 SH) (available in Fall)
 - *In addition to the courses listed above students can select up to 8 SH from 5000 level (or higher if course is deemed appropriate for an undergraduate student) elective credits in the following course subjects: PHSC, PMLC, PMST, NNMD, BIOL, BIOT, CHEM to increase the number of shared graduate credits that may count towards the MS degree up to a maximum of 16 shared credits.*

Master of Science in Pharmacology

- **Pharmaceutical Sciences, BS, and all other BS programs with similar science-based courses**
 - PHSC 5100 - Concepts in Pharmaceutical Science (2 SH) (available in Fall, must be taken in first semester of PlusOne)
 - PHSC 5300 - Pharmaceutical Biochemistry (2 SH) (available in Spring)
 - PHSC 5310 - Cellular Physiology (2 SH) (available in Spring)
 - PMCL 6250 - Ion Channel Physiology and Pharmacology 1 (3 SH) (available in Fall)
 - PMCL 6252 - Small-Molecule Target and Ligand Pharmacology (4 SH) (available in Spring)
 - *In addition to the courses listed above students can select up to 3 SH from 5000 level (or higher if course is deemed appropriate for an undergraduate student) elective credits in the following course subjects: PHSC, PMLC, PMST, NNMD, BIOL, BIOT, CHEM to increase the number of shared graduate credits that may count towards the MS degree up to a maximum of 16 shared credits.*

Master of Science in Biomedical Sciences

- **Pharmaceutical Sciences, BS, and all other BS programs with similar science-based courses**
 - PHSC 5100 - Concepts in Pharmaceutical Science (2 SH) (available in Fall, must be taken in first semester of PlusOne)
 - PHSC 5300 - Pharmaceutical Biochemistry (2 SH) (available in Spring)
 - PHSC 5310 - Cellular Physiology (2 SH) (available in Spring)
 - *In addition to the courses listed above students can select up to 10 SH from 5000 level (or higher if course is deemed appropriate for an undergraduate student) elective credits in the following course subjects: PHSC, PMLC, PMST, NNMD, BIOL, BIOT, CHEM to increase the number of shared graduate credits that may count towards the MS degree up to a maximum of 16 shared credits.*

Master of Science in Speech-Language Pathology

- **Speech-Language Pathology and Audiology, BS**
 - SLPA6305 - Articulation & Phonology (Yr. 4/Fall) (3 SH)
 - SLPA5109 - Neurology of Communication (Yr. 4/Fall) (3 SH)
 - SLPA6340 - Language Disorders in Children 1 (Yr. 4/Fall) (3 SH)
 - SLPA5107 - Clinical Procedures (Yr. 4/Fall) (3 SH)
 - SLPA6342 - S&L Disorders in Adults 1 (Yr. 4/Spring) (3 SH)
 - SLPA6308 - Dysphagia (Yr. 4/Spring) (3 SH)
 - SLPA6415 - SLP Advanced Clinical Practicum 1 (Yr. 4/Spring) (3 SH)
 - SLPA6341 - Language Disorders in Children 2 (Yr. 4/Spring) (3 SH)

Master of Science in Human Movement and Rehabilitation Sciences

- **Mechanical and Industrial Engineering**

- HLTH 5410 (4SH)
- PT 5321 (4SH)
- and 2 electives from the following:*
- ME 5250. Robot Mechanics and Control. (4SH)
- ME 5659. Control Systems Engineering. (4SH)
- ME 5665. Musculoskeletal Biomechanics. (4SH)
- IE 5630 Biosensor and Human Behavior Measurement (4SH)

- **Electrical and Computer Engineering**

- HLTH 5410 (4SH)
- PT 5321 (4SH)
- Please consult with the program director for additional course options up to 16SH.*

- **Bioengineering**

- HLTH 5410 (4SH)
- PT 5321 (4SH)
- BIOE 5810 Design of Biomedical Instrumentation (4SH)
- BIOE 5235 Biomedical Imaging (4SH)

Master of Science in Health Informatics (no concentration option)

- **All majors**

- HINF 5101 (3SH)
- HINF 5105 (3SH) (Note: HINF 5102 may be taken in lieu of HINF 5105 for any student who has previously completed PHTH 1260)

Additionally, in consultation with the program director, students may select three more courses from the MS Health Informatics no concentration curriculum. Any course in the MSHI curriculum can be double-counted except the Capstone (HINF 7701)."