
MCPHS

Curriculum Requirements for Minor Programs



Center for Academic Success and Enrichment

Matricaria 3009

Phone: 617-732-2860 | Email: case@mcphs.edu

Monday – Friday: 8:30am - 4:30pm | Drop-in Hours | 12:00pm - 1:00pm

Appointments | <https://www.mcphs.edu/studentsuccesshub>

University Minor Program Requirements

Reference: 2025-2026 MCPHS University Catalog

*Most Minor programs require 5 courses for completion

-- Students complete at least three (3) courses that are only applied to one minor; these courses may not be used to fulfill requirements for the major or another minor. These three courses will only fulfill general electives.

-- 2 of these 5 courses may be used to fulfill major requirements or for another minor.

*Requirements vary as noted for the following minors: Biology, Chemistry, Pre-Med and minors offered through the COF.

Meet with your Academic Coach in the CASE

To review requirements for a specific Minor

To complete a Minor Declaration Form

American Studies

Coordinators: martha.gardner@mcphs.edu | kristen.petersen@mcphs.edu

Two Required Courses

__ LIB 530: Undergraduate Research Project (Following completion of at least 12 semester hours for the minor.)

__ SSC 430: The Fifties: Intro to American Studies **Or** __ SSC 431: The Sixties: Intro to American Studies

Choose Three Additional Elective Courses

__ HUM 252: The Short Story

__ HUM 291: Introduction to Film

__ HUM 353: Literary Boston in the 19th Century

__ HUM 357O: Immigrant Literature

__ HUM 458: Modern American Writers

__ PBH 435: Public Policy and Public Health

__ SSC 230: Cultural Anthropology

__ SSC 340: Survey of Modern American History

__ SSC 345: Immigrant Experience

__ SSC 356/O: The Politics of Food

__ SSC 420: 20th Century Pop Music and Culture

__ *SSC 430: The Fifties: Intro. to American Studies

__ *SSC 431: The Sixties: Intro to American Studies

__ SSC 440: Women in History

__ SSC 444: Cigarette in American Culture

__ SSC 445O: The Irish in America

__ SSC 452: Urban History

__ SSC 475M: The History of Social Movements

__ SSC 475PO: Mental Health & American Culture

__ SSC 495: Evolution of the Health Professions

*If not already taken as a required course.

Applied Statistics

Coordinators: magdalena.luca@mcphs.edu

Required Course

__MAT 461: Biostatistics

Choose One Research Methods Course

__BEH 451: Research Methods in Health and Behavior

__HSC 410: Health Research Methods

__PBH 260: Public Health Research Methods

Choose One Statistical Programming Course

__MAT 4XX: Applied Biostatistics*

__PBH 360: Data Collection Management*

__PBH 440: Intro to SAS Programming*

Choose Two Elective Courses

__MAT 152: Calculus II OR MAT 172: Advanced Calculus II

__MAT 4XX: Applied Biostatistics*

__MAT XXX: Linear Algebra

__MAT 530: Undergraduate Research Project

__MAT 532: Directed Study

__MAT 763: Advanced Statistics

__PBH 360: Data Collection Management*

__PBH 440: Intro to SAS Programming*

*If not already taken as a course in another area of the minor.

Artificial Intelligence (AI) in Healthcare

Coordinator: michael.spooner1@mcphs.edu

Required Courses

__HTM 260: AI for Health & Life Sciences Professionals – First Semester (Spring)

__HCM 285: Digital Healthcare Delivery – Second Semester (Fall)

__DSC 436: AI in Healthcare – Third Semester (Spring)

__DSC 438: AI Applications: Transformative Healthcare – Fourth Semester (Spring)

__DSC 442: AI: Developing Solutions for the Future – Fifth Semester (Fall)

__DSC 442L: AI: Solutions Development Lab – Fifth Semester (Fall)

Biology

Coordinator: crystal.ellis@mcphs.edu

Choose Four Elective Courses

Note: Courses chosen for the Biology minor may not overlap with courses required for the major or with any courses taken for another minor.

__BEH 341: Biological Psychology

__BIO 260: Molecular Biology

__BIO 3210: Nutrition Science

__BIO 332: Genetics

__BIO 3450/L: Exercise Physiology w/Lab

__BIO 346: Applied Concepts of Public Health

__*BIO 351/L: Advanced A&P I w/Lab

__*BIO 352/L: Advanced A&P II w/Lab

__BIO 405: Plagues: Past, Present & Future

__BIO 430: Mol. Bio of Cancer

__BIO 434: Immunology

__BIO 440: Cell Biology

__*BIO 445: Advanced Human Physiology

__BIO 455/L Advanced Microbiology w/Lab

__BIO 465: Medical Parasitology

__PBH 335: Human Sexuality

__PBH 340: Environment & Public Health

__*PSB 328: Physiology/Pathophysiology I

__ *PSB 329: Physiology/Pathophysiology II

__PSB 440: Molecular Biotechnology

*Students may take BIO 351/352 or PSB 328/329 or BIO 445.

Some required and elective courses may have prerequisites that must be completed first.

Other University or COF courses may be taken with approval of Dean Anderson.

Black Studies

Coordinator: mary.potorti@mcphs.edu

Two Required Courses

__SSC 330: Introduction to Black Studies (offered in the Fall)

__SSC 343: The Black Freedom Struggle in the United States (offered in the Spring)

Choose Three Additional Elective Courses

__HUM.454 Speculative Fiction Film, Literature, & Popular Culture

__HSC.360 Health Equity, Diversity, & Inclusion

__HSC.460 Health Communication, Literacy & Disparities

__HSC.532 Directed Study

__LIB.530 Undergraduate Research Project

__LIB.532 Directed Study

__PBH.250 Introduction to Public Health

__PBH.350 Global Health

__PBH.377 Introduction to Maternal and Child Health

__PBH.420 Community Health

__PBH.432 Epidemiology of Chronic Diseases

__PBH.435 Public Policy and Public Health

__PBH.460 Field Placement

__PBH.532 Directed Study

__SSC.349 Introduction to Women's & Gender Studies Perspectives

__SSC.440 Women in History

__SSC.464 Social Justice Movements in the U.S.

* At least one elective course must have an HSC or PBH course designation.

Students may also petition the minor coordinator for approval of relevant special topics courses (HSC.450, HUM.450, PBH.450, or SSC.475) or courses offered through the COF Consortium to fulfill elective requirements.

Business

Coordinator: francis.melaragni@mcphs.edu

Three Required Courses

__PSB 377/O: Management Principles

__PSB 416/O: Managerial Accounting **Or** __PSB 415/O: Financial Accounting

__PSB 429/O: Operations Management

Choose Two Additional Elective Courses

__PSB 210: Macroeconomics

__PSB 215: Microeconomics

__PSB 320/O: Healthcare Delivery

__PSB 376: Healthcare Marketing

__PSB 380: Applied Business Techniques

__**PSB 415/O: Financial Accounting

__PSB 434: Managed Healthcare

__PSB 444: Organizational Development

__PSB 445: Sales of Pharmaceutical & HC Products

__PSB 456: Entrepreneurship

__PSB 447: Fundamentals of Business Law **Or** __PSB 411: Pharmacy Law

__PSB 532: Directed Study

__PSB 750: Res. Project or Practicum - Lean in HC

__PSB 542: Fund. of Pharmaceutical Industry

__PSB 560: Internship

__*HSC 3100: Healthcare Informatics

__HCA 730: Healthcare Operations Management

__PSB 750: Lean Methods, Tools & Practices in HC

* Only offered as an online course

** If not already taken as a required course.

Chemistry

Coordinator: songwen.xie@mcphs.edu

Required Courses

__PHY 274/L: Foundations of Physics II w/Lab **OR** PHY 284/L: Physics II w/Lab

__CHE 314/L: Analytical Chemistry w/Lab

Advanced Electives – 9 Total Credits

__INF 210: Survey of the Literature of Chemistry

__CHE 340/L: Inorganic Chemistry w/Lab

__CHE 317: Instrumental Analysis

__CHE 365/L: Thermodynamics & Kinetics

__CHE 367/L: Quantum Mechanics & Molecular Structure

__CHE 333L: Biochemistry lab

__CHE 445L: Experimental Methods

__CHE 450: Pharmaceutical Chemistry

__CHE 530: Undergraduate Research Project

__CHE 714/L: Spectroscopic Analysis

__CHE 731: Advanced Organic Chemistry

__CHE 755: Stereochemistry

Data Science

Coordinator: michael.spooner1@mcphs.edu

Required Courses

__DSC 110: Intro to Data Science – First Semester (Fall)

__DSC 215: Programming with R – Second Semester (Spring)

__MAT 241: Linear Algebra – Third Semester (Fall)

__DSC 220: Data & Programming I – Fourth Semester (Spring)

__DSC 230: Data & Programming II – Fifth Semester (Fall)

Gerontology

Coordinator: devan.hawkins@mcphs.edu

Required Courses

__PBH 375: Survey of Gerontology

__BIO 445: Applied Human Physiology

__SSC/HUM/BEH/PBH 532/530: Gerontology Directed Study or Undergraduate Research

Elective Courses

__PBH 380: Aging, Place & Health

__PBH 432: Epidemiology of Chronic Diseases

__PBH 450H: Disability & Health

__BEH 362: Aging & Adult Development

__BEH 254: Death & Dying

__BEH 352: Human Development Through the Life Cycle

__PPB 534: Clinical Care for Aging

Health Education and Promotion

Coordinator: LisaBennett.Johnson@mcphs.edu

Required Courses

__HSC 301: Health Promotion

__PBH 250: Introduction to Public Health

Elective Courses

Group 1: Select two CHES-aligned courses

- HSC 315: Planning Health Education & Promo. Programs HSC 330: Advocacy & Leadership in Health Ed. and Promo.
 HSC 421: Assessing Community Health Needs HSC 460: Health Communication, Literacy, & Disparities

Group 2: Select two topic-focused courses

- Additional courses from Group 1 HSC 220: Personal Health and Wellness
 HSC 355: Contemporary Topics in Health Ed. & Promotion
 HSC 401: Public Health & Policy **OR** PBH 435: Public Policy & Public Health
 HSC 410: Health Research Methods **OR** PBH 260: Public Health Research Methods
 HSC 470: Health Sciences Practicum **OR** PBH 460: Field Placement
 HSC 490: Health Sciences Capstone **OR** PBH 480: Public Health Capstone
 HSC 532: Health Sciences Directed Study **OR** PBH 532: Public Health Directed Study
 PBH 230: Peer Health Education PBH 310: Public Health Surveillance
 PBH 335: Human Sexuality PBH 377O: Maternal and Child Health
 PBH 380O: Aging, Place, and Health PBH 420: Community Health
 PBH 450: Community-Based Participatory Research PBH 450: Occupational Health
 SSC 464: Social Justice Movements in the U.S. BIO 321: Nutrition Science
 BIO 345: Exercise Physiology BIO 346: Applied Concepts in Public Health
 BIO 405: Plagues & Pandemics BIO 420: Communication in the Biological Sciences
 BIO 470: The Biology of Obesity

*Other courses will be evaluated on a case-by-case basis by Minor Coordinator

*Students wishing to take the CHES exam will complete all four courses from Group 1.

Health Information Management Technology

Coordinator: Pamela.Charney@mcphs.edu

Required Courses

- HCM 300: Healthcare Organization & Delivery – First Semester (Fall)
 HIN 160: ICD Coding & Management – Second Semester (Spring)
 HIN 170: CPT Coding & Management – Third Semester (Fall)
 HIN 337: Health Data, Compliance, and Legal Protections – Fourth Semester (Spring)
 HIN 366: Finance & Revenue Cycle Management – Fourth Semester (Spring)

Health Psychology

Coordinator: stacie.spencer@mcphs.edu

Required Courses

- BEH 250: Health Psychology BEH451: Research Methods in Health & Behavior

Choose Three Additional Elective Courses

Note: Must choose at least one Basic BEH course and one Applied BEH course.

Basic BEH Courses

- BEH 340: Psychology of Aggression BEH 341: Biological Psychology
 BEH 345: Myths & Misconceptions BEH 350: Psychopathology & Mental Health
 BEH 351: Social Psychology BEH 352: Human Development (Lifespan)

__BEH 356: Gender Roles

__BEH 358: Theories of Personality

Applied BEH Courses

__BEH 254: Death & Dying

__BEH 344: Integrative Therapies & Mental Health in Aging

__BEH 355: Organizational Psychology

__BEH 453 Behavior Modification

__BEH 457: Drugs & Behavior

__BEH 357: Positive Psychology

__BEH 458: Child and Adolescent Development

__BEH 260: Lifestyle Medicine/Behavioral Health

__BEH 353: Nutrition and Health

__BEH 405: Mind/Body Medicine

__BEH 454: Stress & Illness

Contact Stacie Spencer for any other possible minor substitutions.

Health Humanities

Coordinator: ADavid.Lewis@mcphs.edu

Required Courses

__HUM 230: Introduction to the Health Humanities

__HUM 456: Narrative & Medicine

Choose Three Additional Elective Courses

Note: Must choose at least one HUM course and one SSC course.

__BEH 250: Health Psychology

__BEH 260: Lifestyle Medicine

__BEH 350: Psychopathology & Mental Health

__BEH 454: Stress & Illness

__HUM 342: Cancer and Comic Books

__HUM 344: Bioethics & Graphic Medicine

__HUM 375: Modern Novels of the Afterlife

__PBH 335: Human Sexuality

__PBH 350: Global Health

__PBH 3800: Aging, Place, & Health

__SSC 356: The Politics of Food

__SSC 435: Cultural Geography

__SSC 444: Cigarettes in American Culture

__BEH 254: Death & Dying

__BEH 331: The Patient Experience

__BEH 405: Mind/Body Medicine

__BEH 457: Drugs & Behavior

__HUM 343: Graphic Medicine

__HUM 355: Science, Technology & Values

__PBH 250: Introduction to Public Health

__PBH 340: Environment and Health

__PBH 3770: Maternal & Child Health

__PBH 435: Public Policy and Public Health

__SSC 432: Medical Anthropology

__SSC 437: Sport, Exercise & American Society

__SSC 495: Evolution of the Health Profession

Integrative Health: Foundations of Acupuncture & Chinese Medicine

Coordinator: Dennis.Moseman@mcphs.edu

Required Courses

__ACF 400: Integrative Health: An Intro to Chinese Medicine – First Semester (Fall)

__BEH 260: Lifestyle Medicine – Second Semester (Spring)

__ACF 401: Cultural Foundations of Chinese Medicine – Third Semester (Fall)

__ACF 402: Chinese Medicine Theory I – Third Semester (Fall)

__ACF 403: Chinese Medicine Theory II – Fourth Semester (Fall)

*Note: Students must receive a “C” or higher in the courses required for this minor.

Students must have a 2.5 GPA or higher.

Nutrition

Premedical

Coordinator: Jennifer.wade@mcphs.edu

Required Courses

- BIO 151: Biology I
- BIO 152/L: Biology II w/Lab
- BIO 150L: Biology I Lab (highly recommended but not required)
- BIO 255/L: Medical Microbiology
- CHE 131/L: Chemical Principles I w/Lab
- BIO 360: Cellular Biochemistry **Or** PSB 331/332: Biochemistry I & II
- CHE 132/L: Chemical Principles II w/Lab
- CHE 231/L: Organic Chemistry I w/Lab
- CHE 232: Organic Chemistry II
- CHE 234L: Organic Chemistry II Lab
- MAT 151: Calculus I
- PHY 270/272L: Foundations of Physics I w/Lab **Or** PHY 280/L: Physics I w/Lab
- PHY 274/L: Foundations of Physics II w/ Lab **Or** PHY 284/L: Physics II w/Lab

Choose Three Additional Elective Courses

Note: Must have three different course prefixes and may not overlap with any courses required for the major.

- Any BEH course
- Any 200, 300, or 400 level BIO course
- Any HUM course
- Any 300 or 400 level PBH course
- Any SSC course

Public Health

Coordinator: Kathryn.Wagner@mcphs.edu

Required Courses

- MAT 461: Biostatistics
- PBH 250: Introduction to Public Health
- PBH 330: Introduction to Epidemiology

Choose Two Additional Elective Courses

- PBH 260: Public Health Research Methods
- PBH 335: Human Sexuality
- PBH 377O: Maternal & Child Health
- PBH 340: Environment and Health
- PBH 350: Global Health
- PBH 360: Health Data Collection & Management
- PBH 420: Community Health
- PBH 430: Infectious Disease Epidemiology
- PBH 435: Public Policy and Public Health
- PBH 440: Introduction to SAS Programming
- PBH 380O: Aging, Place, & Health
- PBH 450U: Occupational Health
- PBH 450C: Chronic Disease Epidemiology
- PBH 450AD: Field Epidemiology
- PBH 450: Public Health Surveillance
- PBH 375: Survey of Gerontology
- PSB 377: Management Principles
- SSC 230: Cultural Anthropology
- SSC 444: Cigarettes in American Culture
- SSC 464: Social Justice Movements in the U.S.

Note: Other PBH courses may be taken with permission of Dean Anderson.

Some required and elective courses may have prerequisites that must be completed first.

Social Justice

Coordinators: mary.potorti@mcphs.edu

One Required Courses

- SSC 464: Social Justice Movements in the U.S.

Four Elective Courses Required

Choose At Least Two Elective Courses

- | | |
|--|---|
| <input type="checkbox"/> HSC 301: Health Promotion | <input type="checkbox"/> HSC 330: Advocacy and Leadership in Health Education and Promotion |
| <input type="checkbox"/> HSC 360: Health Equity, Diversity & Inclusion | <input type="checkbox"/> HSC 355: Contemporary Topics in Health Education and Promotion |
| <input type="checkbox"/> HSC 421: Assessing Community Health Needs | <input type="checkbox"/> HSC 460: Health Communication, Literacy & Disparities |
| <input type="checkbox"/> HSC 532: Directed Study | <input type="checkbox"/> PBH 250: Introduction to Public Health |
| <input type="checkbox"/> PBH 350: Global Health | <input type="checkbox"/> PBH 377: Introduction to Maternal and Child Health |
| <input type="checkbox"/> PBH 420: Community Health | <input type="checkbox"/> PBH 435: Public Policy and Public Health |
| <input type="checkbox"/> PBH 432: Epidemiology of Chronic Diseases | <input type="checkbox"/> PBH 460: Field Placement |
| <input type="checkbox"/> PBH 532: Directed Study | |

Choose At Least One Elective Courses

- | | |
|---|---|
| <input type="checkbox"/> HUM 357: Immigrant Literature | <input type="checkbox"/> HUM 425: Applied Ethics |
| <input type="checkbox"/> SSC 345: Immigrant Experience | <input type="checkbox"/> SSC 343: The Black Freedom Struggle in the United States |
| <input type="checkbox"/> SSC 355: Persuasion and Social Influence | <input type="checkbox"/> SSC 349: Introduction to Women's & Gender Studies |
| <input type="checkbox"/> SSC 356: The Politics of Food | <input type="checkbox"/> SSC 435: Cultural Geography |
| <input type="checkbox"/> SSC 440: Women in History | |

Additional Elective Options

- | | |
|--|--|
| <input type="checkbox"/> LIB 530: Undergraduate Research Project | <input type="checkbox"/> LIB 532: Directed Study |
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*Students may also petition the minor coordinator for approval of relevant special topics courses (HSC.450, HUM.450, PBH.450, or SSC.475) or courses offered through the COF Consortium to fulfill elective requirements.

Women's and Gender Studies

Coordinator: kristen.petersen@mcphs.edu

Required Course

- SSC 349: Introduction to Women's & Gender Studies

Choose Two Additional Required Courses

- | | |
|--|--|
| <input type="checkbox"/> BEH 356: Gender Roles | <input type="checkbox"/> PBH 335: Human Sexuality |
| <input type="checkbox"/> *SSC 230: Cultural Anthropology | <input type="checkbox"/> SSC 440: Women in History |

Choose Two Additional Elective Courses

- | | |
|---|---|
| <input type="checkbox"/> BEH 351: Social Psychology | <input type="checkbox"/> BEH 352: Human Development |
| <input type="checkbox"/> BIO 532: Directed Study | <input type="checkbox"/> BEH 458: Child & Adolescent Development |
| <input type="checkbox"/> HUM 350: Selected British Writers | <input type="checkbox"/> HUM 458: Modern American Writers |
| <input type="checkbox"/> HUM 357: Immigrant Literature | <input type="checkbox"/> PBH 450J: Women & Public Health |
| <input type="checkbox"/> PBH 805: Maternal & Child Health | <input type="checkbox"/> PBH 435: Public Policy and Public Health |
| <input type="checkbox"/> LIB 532: Directed Study | <input type="checkbox"/> SSC 353: Shattering the Glass Slipper |
| <input type="checkbox"/> *SSC 230: Cultural Anthropology | <input type="checkbox"/> SSC 440: Women in History |
| <input type="checkbox"/> SSC 432: Medical Anthropology | <input type="checkbox"/> SSC 464: Social Justice Movement in the U.S. |
| <input type="checkbox"/> SSC 495: Evolution of the Health Professions | |

* If not already taken as required course.

Colleges of the Fenway

COF Minors

*Migration Studies

Coordinator: Violetta Ravagnoli, ravagnoliv@emmanuel.edu

***Performing Arts**

Coordinator: A. David Leviw, ADavid.Lewis@mcphs.edu

***Sustainability**

Coordinator: Nancy Stern, nancy.stern@mcphs.edu*

* Courses for these minors are taken at multiple COF schools.

Please note: Students are allowed to pursue any minor offered at another Colleges of the Fenway school. Please see an Academic Advisor for more information.