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# MCPHS University

## Curriculum Requirements for Minor Programs

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### Center for Academic Success and Enrichment

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White 110

Phone: 617-732-2860 | Email: [case@mcphs.edu](mailto:case@mcphs.edu)

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

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

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#### University Minor Program Requirements

Reference: 2024-2025 MCPHS University Catalog

\*Most Minor programs require 5 courses for completion

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

-- The remaining 3 courses may be used to fulfill General, Distributive, or Liberal Arts Electives as required for the major.

\*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](mailto:martha.gardner@mcphs.edu) | [kristen.petersen@mcphs.edu](mailto: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](mailto: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.

## Biology

Coordinator: [crystal.ellis@mcphs.edu](mailto: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](mailto: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.460 Health Communication, Literacy & Disparities

\_\_LIB.530 Undergraduate Research Project

\_\_PBH.250 Introduction to Public Health

\_\_PBH.377 Introduction to Maternal and Child Health

\_\_PBH.432 Epidemiology of Chronic Diseases

\_\_PBH.460 Field Placement

\_\_SSC.349 Introduction to Women's & Gender Studies Perspectives

\_\_SSC.464 Social Justice Movements in the U.S.

\_\_HSC.360 Health Equity, Diversity, & Inclusion

\_\_HSC.532 Directed Study

\_\_LIB.532 Directed Study

\_\_PBH.350 Global Health

\_\_PBH.420 Community Health

\_\_PBH.435 Public Policy and Public Health

\_\_PBH.532 Directed Study

\_\_SSC.440 Women in History

\* 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](mailto: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 320/O: Healthcare Delivery

\_\_PSB 380: Applied Business Techniques

\_\_PSB 434: Managed Healthcare

\_\_PSB 445: Sales of Pharmaceutical & HC Products

\_\_PSB 447: Fundamentals of Business Law **Or** \_\_PSB 411: Pharmacy Law

\_\_LIB 512/O: Healthcare Ethics

\_\_PSB 542: Fund. of Pharmaceutical Industry

\_\_\*HSC 3100: Healthcare Informatics

\_\_PSB 750: Lean Methods, Tools & Practices in HC

\_\_PSB 215: Microeconomics

\_\_PSB 376: Healthcare Marketing

\_\_\*\*PSB 415/O: Financial Accounting

\_\_PSB 444: Organizational Development

\_\_PSB 456: Entrepreneurship

\_\_PSB 532: Directed Study

\_\_PSB 560: Internship

\_\_HCA 730: Healthcare Operations Management

\_\_PSB 750: Res. Project or Practicum - Lean in HC

\* Only offered as an online course

\*\* If not already taken as a required course.

## Chemistry

Coordinator: [songwen.xie@mcphs.edu](mailto:songwen.xie@mcphs.edu)

### These requirements are for Premed majors: Required Courses

- CHE 314/L: Analytical Chemistry w/Lab
- INF 210: Survey of the Literature of Chemistry
- CHE 340/L: Inorganic Chemistry w/Lab **Or**  CHE 717/L: Instrumental Analysis w/Lab
- Any BIO or CHE Advanced Elective (300-level course or higher; may not overlap with any course required for the major.)

### These requirements are for Non-Premed majors: Required Courses

- CHE 234L: Organic Chemistry II Lab
- CHE 314/L: Analytical Chemistry w/Lab
- CHE 340/L: Inorganic Chemistry w/Lab **Or**  CHE 717/L: Instrumental Analysis w/Lab
- PHY 270/272L: Foundations of Physics I w/Lab
- PHY 274/L: Foundations of Physics II w/Lab

## Gerontology

Coordinator: [devan.hawkins@mcphs.edu](mailto: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](mailto: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 345: Exercise Physiology  
\_\_BIO 405: Plagues & Pandemics  
\_\_BIO 470: The Biology of Obesity

\_\_BIO 321: Nutrition Science  
\_\_BIO 346: Applied Concepts in Public Health  
\_\_BIO 420: Communication in the Biological Sciences

\*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 Psychology

Coordinator: [stacie.spencer@mcphs.edu](mailto:stacie.spencer@mcphs.edu)

### Required Courses

\_\_BEH 250: Health Psychology  
\_\_BEH451: Research Methods in Health & Behavior\*  
\*Take in Fall semester as early in curriculum as possible.

### 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 345: Myths & Misconceptions  
\_\_BEH 351: Social Psychology  
\_\_BEH 356: Gender Roles  
\_\_BEH 358: Theories of Personality  
\_\_BEH 341: Biological Psychology  
\_\_BEH 350: Psychopathology & Mental Health  
\_\_BEH 352: Human Development (Lifespan)  
\_\_BEH 357: Positive Psychology  
\_\_BEH 458: Child and Adolescent Development

#### 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 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.

## Healthcare Humanities

Coordinator: [ADavid.Lewis@mcphs.edu](mailto: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 254: Death & Dying  
\_\_BEH 405: Mind/Body Medicine  
\_\_HUM 342: Cancer and Comic Books  
\_\_HUM 452: Women Writers  
\_\_SSC 444: Cigarettes in American Culture  
\_\_BEH 260: Lifestyle Medicine/Behavioral Health  
\_\_BEH 454: Stress & Illness  
\_\_HUM 355: Science, Technology & Values  
\_\_SSC 432: Medical Anthropology  
\_\_SSC 495: Evolution of the Health Profession

## Nutrition

Coordinator: [mary.potorti@mcphs.edu](mailto:mary.potorti@mcphs.edu)

## Required Courses

\_\_BEH 353: Nutrition and Health

\_\_BIO 321: Nutrition Science

\_\_SSC 356: The Politics of Food

## Choose Two Additional Elective Courses

\_\_BEH 260: Lifestyle Medicine

\_\_BIO 470: Biology of Obesity

\_\_HSC 301: Health Promotion

\_\_HSC 315: Planning Health Education & Promotion Programs

\_\_PBH 2XX: Peer Health Education

\_\_PBH 250: Introduction to Public Health

\_\_PBH 350: Global Health

\_\_PBH 432: Epidemiology of Chronic Diseases

\_\_LIB 530: Undergraduate Research

\_\_LIB 532: Directed Study

Note: Other COF Nutrition courses may be taken with approval of Dean Anderson.

## Premedical

Coordinator: [Jennifer.wade@mcphs.edu](mailto: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](mailto: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: Healthcare Management

\_\_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](mailto:mary.potorti@mcphs.edu)

### One Required Courses

\_\_SSC 464: Social Justice Movements in the U.S.

### Choose At Least Two Elective Courses

\_\_HSC 301: Health Promotion

\_\_HSC 330: Advocacy and Leadership in Health Education and Promotion

\_\_HSC 360: Health Equity, Diversity & Inclusion

\_\_HSC 355: Contemporary Topics in Health Education and Promotion

\_\_HSC 421: Assessing Community Health Needs

\_\_HSC 460: Health Communication, Literacy & Disparities

\_\_HSC 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 435: Public Policy and Public Health

\_\_PBH 432: Epidemiology of Chronic Diseases

\_\_PBH 460: Field Placement

\_\_PBH 532: Directed Study

### Choose At Least One Elective Courses

\_\_HUM 357: Immigrant Literature

\_\_HUM 425: Applied Ethics

\_\_SSC 345: Immigrant Experience

\_\_SSC 343: The Black Freedom Struggle in the United States

\_\_SSC 355: Persuasion and Social Influence

\_\_SSC 349: Introduction to Women's & Gender Studies

\_\_SSC 356: The Politics of Food

\_\_SSC 435: Cultural Geography

\_\_SSC 440: Women in History

### Additional Elective Options

\_\_LIB 530: Undergraduate Research Project

\_\_LIB 532: Directed Study

\*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](mailto:kristen.petersen@mcphs.edu)

### Required Course

\_\_SSC 349: Introduction to Women's & Gender Studies

### Choose Two Additional Required Courses

\_\_BEH 356: Gender Roles

\_\_PBH 335: Human Sexuality

\_\_\*SSC 230: Cultural Anthropology

\_\_SSC 440: Women in History

### Choose Two Additional Elective Courses

\_\_BEH 351: Social Psychology

\_\_BEH 352: Human Development

\_\_BIO 532: Directed Study

\_\_BEH 458: Child & Adolescent Development

\_\_HUM 350: Selected British Writers

\_\_HUM 458: Modern American Writers

\_\_HUM 357: Immigrant Literature  
\_\_PBH 805: Maternal & Child Health  
\_\_LIB 532: Directed Study  
\_\_\*SSC 230: Cultural Anthropology  
\_\_SSC 432: Medical Anthropology  
\_\_SSC 495: Evolution of the Health Professions

\_\_PBH 450J: Women & Public Health  
\_\_PBH 435: Public Policy and Public Health  
\_\_SSC 353: Shattering the Glass Slipper  
\_\_SSC 440: Women in History  
\_\_SSC 464: Social Justice Movement in the U.S.

\* If not already taken as required course.

## Colleges of the Fenway

### COF Minors

#### \*Performing Arts

Coordinator: [virginia.briggs@mcphs.edu](mailto:virginia.briggs@mcphs.edu)

#### \*Sustainability

Coordinator: [anna.aguilera@simmons.edu](mailto:anna.aguilera@simmons.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.