MCPHS University

Curriculum Requirements for Minor Programs



Center for Academic Success and Enrichment

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

University Minor Program Requirements

Reference: 2026-2027 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.
-- At least one-half of the courses required for a minor must be completed while in residence at MCPHS.

*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 and 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: Writers Shaped Modern World
__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 471: 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 471: Applied Biostatistics*
__MAT 241: 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 Concepts – 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 321O: Nutrition Science
__BIO 332: Genetics
__BIO 345O/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 & Pandemics
__BIO 430: Mol. Bio of Cancer
__BIO 434: Immunology
__BIO 440: Cell Biology
__*BIO 445: Applied 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 Minor Coordinator

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
__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 Cultural Engage & Health Outcome
__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

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 376: Healthcare Marketing
__PSB 215: Microeconomics
__PSB 322: Pharm. Law I and HCD
__PSB 380: Data Analysis
__**PSB 415/O: Financial Accounting or PSB 416 Managerial Accounting
__PSB 434: Managed Healthcare
__PSB 447: Fundamentals of Business Law
__*HSC 310O: Healthcare Informatics
__PSB 445: Sales of Pharmaceutical & HC Products
__PSB 456: Entrepreneurship

* 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 317: Instrumental Analysis

__CHE 367/L: Physical Chemistry II

__CHE 445L: Experimental Methods in Chem

__CHE 530: Undergraduate Research Project

__CHE 731: Advanced Organic Chemistry

__CHE 340/L: Inorganic Chemistry w/Lab

__CHE 365/L: Physical Chemistry I

__CHE 333L: Introductory Biochemistry lab

__CHE 450: Pharmaceutical Chemistry

__CHE 714/L: Spectroscopic Analysis

__CHE 755: Stereochemistry

Clinical Ethics

Coordinator: Dien.Ho@mcphs.edu

Required Courses

__LIB 520: Clinical Ethics (Prerequisite of LIB.512 required)

__HUM 456 Narrative and Medicine

Choose Two Additional Electives Courses

__ BEH 254 Death and Dying

__ HUM 340 Introduction to Philosophy

__ SSC 432 Medical Anthropology

__ SSC 475II Health, Law & Policy

__ HUM 425 Applied Ethics

__ SSC 230 Cultural Anthropology

__ SSC 495 Evolution of the Health Professions

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 450H: Disability & Health
__BEH 254: Death & Dying
__PPB 534: Clinical Care for Aging
__PBH 432: Epidemiology of Chronic Diseases
__BEH 362: Aging & Adult Development
__BEH 352: Human Development Through the Life Cycle

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 421: Assessing Community Health Needs
__HSC 330: Advocacy & Leadership in Health Ed. and Promo.
__ HSC 460: Health Communication, Literacy, & Disparities

Group 2: Select two topic-focused courses

__Additional courses from Group 1
__ 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
__ HSC 220: Personal Health and Wellness
__PBH 230: Peer Health Education
__PBH 335: Human Sexuality
__PBH 380O: Aging, Place, and Health
__PBH 450: Community-Based Participatory Research
__SSC 464: Social Justice Movements in the U.S.
__BIO 345: Exercise Physiology
__BIO 405: Plagues & Pandemics
__BIO 470: The Biology of Obesity
__PBH 310: Public Health Surveillance
__PBH 377O: Maternal and Child Health
__PBH 420: Community Health
__PBH 450: Occupational Health
__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 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

__BEH 451: 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 357: Positive Psychology

__BEH 358: Theories of Personality

__BEH 458: Child and Adolescent Development

Applied BEH Courses

__BEH 254: Death & Dying

__BEH 260: Lifestyle Medicine

__BEH 344: Integrative Therapies & Mental Health in Aging

__BEH 353: Nutrition and Health

__BEH 355: Organizational Psychology

__BEH 405: Mind/Body Medicine

__BEH 453 Behavior Modification

__BEH 454: Stress & Illness

__BEH 457: Drugs & Behavior

Contact Minor Coordinator 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 254: Death & Dying

__BEH 260: Lifestyle Medicine

__BEH 331: The Patient Experience

__BEH 350: Psychopathology & Mental Health

__BEH 405: Mind/Body Medicine

__BEH 454: Stress & Illness

__BEH 457: Drugs & Behavior

__HUM 342: Cancer and Comic Books

__HUM 343: Graphic Medicine

__HUM 344: Bioethics & Graphic Medicine

__HUM 355: Science, Technology & Values

__HUM 375: Modern Novels of the Afterlife

__PBH 250: Introduction to Public Health

__PBH 335: Human Sexuality

__PBH 340: Environment and Health

__PBH 350: Global Health

__PBH 377O: Maternal & Child Health

__PBH 380O: Aging, Place, & Health

__PBH 435: Public Policy and Public Health

__SSC 356: The Politics of Food

__SSC 432: Medical Anthropology

__SSC 435: Cultural Geography

__SSC 437: Sport, Exercise & American Society

__SSC 444: Cigarettes in American Culture

__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
__ACF 401: Cultural Foundations of Chinese Medicine
__ACF 402: Chinese Medicine Theory I
__ACF 403: Chinese Medicine Theory II

Choose One Elective Course

__BEH 260: Lifestyle Medicine
__HSC 301: Health Promotion

*Note: Students must receive a "C" or higher in the courses required for this minor.
Students must have a 2.5 GPA or higher.

Lifestyle Medicine

Coordinator: Anthony.Lacina@mcphs.edu & Rebecca.Macy@mcphs.edu

Required Courses (9 Credits)

__BEH 260: Lifestyle Medicine
__HSC 301: Health Promotion
__HSC 220: Personal Health & Wellness

Choose Two Additional Electives Courses (6 Credits)

__BEH.250: Health Psychology
__BEH 405: Mind-Body Medicine
__BEH 457: Drugs and Behavior
__HSC 401: Public Health and Policy
__PBH 250: Intro to Public Health
__PBH 420: Community Health
__PSB 320: Introduction to Healthcare Delivery
__SSC 432: Medical Anthropology
__BEH 353: Nutrition and Health
__BEH 454: Stress and Illness
__BIO 345: Exercise Physiology
__HSC 305: Navigating Health Systems
__PBH 340: Environment and Public Health
__PBH 432: Epidemiology of Chronic Diseases
__SSC 356: The Politics of Food

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

Nutrition

Coordinator: mary.potorti@mcphs.edu

Required Courses

__BEH 353: Nutrition and Health
__SSC 356: The Politics of Food
__BIO 321: Nutrition Science

Choose Two Additional Elective Courses

__ACF 400 Integrative Health: Intro to Chinese Med
__BIO.470: Biology from Obesity
__HSC 301: Health Promotion
__PBH 230: Peer Health Education
__PBH 350: Global Health
__BEH 260: Lifestyle Medicine
__HSC 220 Personal Health and Wellness
__HSC 315: Planning Health Ed. & Promotion Programs
__PBH 250: Introduction to Public Health
__PBH 432: Epidemiology of Chronic Diseases

__SSC.432 Medical Anthropology
__LIB 530: Undergraduate Research
__LIB 532: Directed Study

Note: Other COF Nutrition courses may be taken with approval of Minor Coordinator

Premedical

Coordinator: carrie.schultz@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 Minor Coordinator.
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

__HSC 301: Health Promotion
__HSC 330: Advocacy and Leadership in Health Education and Promotion
__HSC 360: Cultural Engage & Health Outcome
__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

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: Writers Shaped Modern World
__HUM 357: Immigrant Literature
__PBH 450J: Women & Public Health
__PBH 805: Maternal & Child Health
__PBH 435: Public Policy and Public Health
__LIB 532: Directed Study
__SSC 353: Shattering the Glass Slipper
__*SSC 230: Cultural Anthropology
__SSC 440: Women in History
__SSC 432: Medical Anthropology
__SSC 464: Social Justice Movement in the U.S.
__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.