## **MCPHS**

#### **Curriculum Requirements for Minor Programs**



#### **Center for Academic Success and Enrichment**

#### White 110

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: 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 <u>3</u> 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   kristen.petersen@mcphs.edu		
Two Required Courses		
LIB 530: Undergraduate Research Project (Following com	pletion of at least 12 semester hours for the minor.)	
SSC 430: The Fifties: Intro to American Studies <b>Or</b> 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 3570: 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 4450: 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 CourseMAT 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	е
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

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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 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: 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: <u>mary.potorti@mcphs.edu</u>

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 cleating accuracy mount have an LICC or DDLL accuracy designation		
* 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: <u>francis.melaragni@mcphs.edu</u>	
Three Required Courses	
PSB 377/O: Management Principles	
PSB 416/O: Managerial Accounting <b>Or</b> PSB 415/O: Finance	cial 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 <b>Or</b> PSB 411: Pha	rmacy Law
LIB 512/O: Healthcare Ethics	PSB 532: Directed Study
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	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		
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 <b>Or</b> C	HE 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 <b>Or</b> 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	
Required Courses	
PBH 375: Survey of Gerontology	BIO 445: Applied Human Physiology
SSC/HUM/BEH/PBH 532/530: Gerontology Directed St	tudy 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: <u>LisaBennett.Johnson@mcphs.edu</u>		
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 <b>OR</b> PBH 435: Public Policy & Public Health		
HSC 410: Health Research Methods <b>OR</b> PBH 260: Public Health Research Methods		
HSC 470: Health Sciences Practicum <b>OR</b> PBH 460: Field Placement		
HSC 490: Health Sciences Capstone <b>OR</b> PBH 480: Public Health Capstone		
HSC 532: Health Sciences Directed Study <b>OR</b> 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 3800: 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 Psychology

Coordinator: 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 Ap	plied 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/Behavioral Health
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 Stacie Spencer for any other possible minor substitutions.

#### Healthcare Humanities

Coordinator: ADavid.Lewis@mcphs.edu	
Required Courses	
HUM 2XX: 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 cou	rse.
BEH 254: Death & Dying	BEH 260: Lifestyle Medicine/Behavioral Health
BEH 405: Mind/Body Medicine	BEH 454: Stress & Illness
HUM 342: Cancer and Comic Books	HUM 355: Science, Technology & Values
HUM 452: Women Writers	SSC 432: Medical Anthropology
SSC 444: Cigarettes in American Culture	SSC 495: Evolution of the Health Profession

### Nutrition

Coordinator: <u>mary.potorti@mcphs.edu</u>

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 appro	val of Dean Anderson.

## 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 <b>Or</b> 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 <b>Or</b> PHY 280/L: Physics I w/Lab		
PHY 274/L: Foundations of Physics II w/ Lab <b>Or</b> 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: <u>Devan.Hawkins@mcphs.edu</u>	
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 3770: 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

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__PBH 450: Public Health Surveillance ___PBH 375: Survey of Gerontology ___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.
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#### Social Justice

Coordinators: mary.potorti@mcphs.edu		
One Required Courses		
SSC 464: Social Justice Movements in the U.S.		
Choose At Least Two Elective Course	es s	
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 Course	es	
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: Modern American Writers

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

#### \*Performing Arts

Coordinator: virginia.briggs@mcphs.edu

\*Sustainability

Coordinator: 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.