

# PUBLIC HEALTH MPH

## Degree Requirements

The following requirements are in addition to, or further elaborate upon, those requirements outlined in The Graduate School Policy Guide (<https://catalogs.northwestern.edu/tgs/academic-policies-procedures/>).

### Master of Public Health Generalist Track

**Total Units Required: 16**

Course	Title
<b>Core and Required Courses</b>	
PUB_HLTH 301-0	Behavior, Society & Health
PUB_HLTH 302-0	Introduction to Biostatistics
or BIOSTAT 302-0	Introduction to Biostatistics
PUB_HLTH 304-0	Introduction to Epidemiology
PUB_HLTH 306-0	Health Literacy, Communication, & Systems Change
PUB_HLTH 418-0	Applied Practice Experience I
PUB_HLTH 419-0	Applied Practice Experience II
PUB_HLTH 560-0	Culminating Experience
<b>Intermediate Level Course Requirement</b>	
PUB_HLTH 421-0	Intermediate Biostatistics
or PUB_HLTH 422-0	Intermediate Epidemiology
<b>Methodology Selective</b>	
One of the following courses in addition to one of the Intermediate level courses listed above:	
PUB_HLTH 416-0	Program Evaluation
PUB_HLTH 421-0	Intermediate Biostatistics
PUB_HLTH 422-0	Intermediate Epidemiology
PUB_HLTH 425-0	Introduction to GIS and Spatial Analysis for Public Health
PUB_HLTH 435-0	Health Services Research Design & Analysis Strategies: Technology Assessment
PUB_HLTH 438-0	Survey Design & Methodology
PUB_HLTH 439-0	Qualitative Research Methods
BIOSTAT 446-0	Design, Conduct and Analysis of Clinical Trials

#### Equity Selective

Choose one:

PUB_HLTH 323-0	Health Equity
PUB_HLTH 446-0	LGBTQ Health
PUB_HLTH 447-0	Structural Racism in Public Health

#### Electives

8 units

### Master of Public Health Community Health Research & Evaluation Concentration

**Total Units Required: 16**

Course	Title
<b>Core and Required Courses</b>	
PUB_HLTH 301-0	Behavior, Society & Health
PUB_HLTH 302-0	Introduction to Biostatistics
or BIOSTAT 302-0	Introduction to Biostatistics
PUB_HLTH 304-0	Introduction to Epidemiology
or BIOSTAT 301-0	Introduction to Epidemiology

PUB_HLTH 306-0	Health Literacy, Communication, & Systems Change
PUB_HLTH 317-0	Seminar in Community Health Research
PUB_HLTH 318-0	Seminar in Community Health Research II
PUB_HLTH 319-0	Seminar in Community Health Research III
PUB_HLTH 320-0	Community Engaged Research
PUB_HLTH 323-0	Health Equity
PUB_HLTH 411-0	Assessment, Planning & Evaluation in Community Health
PUB_HLTH 418-0	Applied Practice Experience I
PUB_HLTH 419-0	Applied Practice Experience II
PUB_HLTH 560-0	Culminating Experience

#### Intermediate Level Course Requirement

PUB_HLTH 421-0	Intermediate Biostatistics
or PUB_HLTH 422-0	Intermediate Epidemiology

#### Methodology Selective

One of the following courses in addition to one of the Intermediate level courses listed above:

PUB_HLTH 416-0	Program Evaluation
PUB_HLTH 421-0	Intermediate Biostatistics
PUB_HLTH 422-0	Intermediate Epidemiology
PUB_HLTH 425-0	Introduction to GIS and Spatial Analysis for Public Health
PUB_HLTH 435-0	Health Services Research Design & Analysis Strategies: Technology Assessment
PUB_HLTH 438-0	Survey Design & Methodology
PUB_HLTH 439-0	Qualitative Research Methods

#### Community Health Selective

One of the following:

PUB_HLTH 330-0	Global Tobacco: Control and Prevention
PUB_HLTH 414-0	Injury and Violence Prevention
PUB_HLTH 417-0	Public Health Law: Promoting Healthy Youth Development
PUB_HLTH 448-0	Introduction to Maternal Child Health

#### Electives

4 units

### Master of Public Health Data Science Concentration

**Total Units Required: 16**

Course	Title
<b>Core and Required Courses</b>	
BIOSTAT 306-0	R Programming (Core and Required Courses)
BIOSTAT 445-1	Introduction to Statistical Learning
PUB_HLTH 301-0	Behavior, Society & Health
PUB_HLTH 302-0	Introduction to Biostatistics
PUB_HLTH 304-0	Introduction to Epidemiology
PUB_HLTH 306-0	Health Literacy, Communication, & Systems Change
PUB_HLTH 360-1	Seminar in Data Science
PUB_HLTH 418-0	Applied Practice Experience I
PUB_HLTH 419-0	Applied Practice Experience II
PUB_HLTH 421-0	Intermediate Biostatistics
PUB_HLTH 422-0	Intermediate Epidemiology
PUB_HLTH 425-0	Introduction to GIS and Spatial Analysis for Public Health
PUB_HLTH 441-0	Ethical Issues in Clinical Research
PUB_HLTH 460-1	Data Visualization for Public Health
PUB_HLTH 560-0	Culminating Experience

Equity Selective

Choose one:	
PUB_HLTH 323-0	Health Equity
PUB_HLTH 446-0	LGBTQ Health
PUB_HLTH 447-0	Structural Racism in Public Health

Electives

2.5 units

Master of Public Health  
Epidemiology Concentration

Total Units Required: 16

Course	Title
<b>Core and Required Courses</b>	
BIOSTAT 301-0	Introduction to Epidemiology
BIOSTAT 401-0	Intermediate Epidemiology
BIOSTAT 501-0	Advanced Epidemiology
PUB_HLTH 301-0	Behavior, Society & Health
PUB_HLTH 302-0 or BIOSTAT 302-0	Introduction to Biostatistics
PUB_HLTH 305-0	Programming for Statistical Analysis
PUB_HLTH 306-0	Health Literacy, Communication, & Systems Change
PUB_HLTH 418-0	Applied Practice Experience I
PUB_HLTH 419-0	Applied Practice Experience II
PUB_HLTH 421-0	Intermediate Biostatistics
PUB_HLTH 560-0	Culminating Experience

Methodology Selective

One of the following courses:	
PUB_HLTH 416-0	Program Evaluation
PUB_HLTH 425-0	Introduction to GIS and Spatial Analysis for Public Health
PUB_HLTH 435-0	Health Services Research Design & Analysis Strategies: Technology Assessment
PUB_HLTH 438-0	Survey Design & Methodology
PUB_HLTH 439-0	Qualitative Research Methods
BIOSTAT 446-0	Design, Conduct and Analysis of Clinical Trials

Epidemiology Selective

Select two of the following:	
PUB_HLTH 412-0	Infection Disease Epidemiology and Prevention
PUB_HLTH 524-0	Cardiovascular Disease Epidemiology
PUB_HLTH 525-0	Cancer Epidemiology

Equity Selective

Choose one:	
PUB_HLTH 323-0	Health Equity
PUB_HLTH 446-0	LGBTQ Health
PUB_HLTH 447-0	Structural Racism in Public Health

Electives

3 units

Master of Public Health  
Global Health Concentration

Total Units Required: 16

Course	Title
<b>Core and Required Courses</b>	
PUB_HLTH 301-0	Behavior, Society & Health
PUB_HLTH 302-0 or BIOSTAT 302-0	Introduction to Biostatistics

PUB_HLTH 304-0 or BIOSTAT 301-0	Introduction to Epidemiology
PUB_HLTH 306-0	Health Literacy, Communication, & Systems Change
PUB_HLTH 387-0	Seminar in Global Health I
PUB_HLTH 388-0	Seminar in Global Health II
PUB_HLTH 389-0	Seminar in Global Health III
PUB_HLTH 390-0	Introduction to International Public Health
PUB_HLTH 418-0	Applied Practice Experience I
PUB_HLTH 419-0	Applied Practice Experience II
PUB_HLTH 430-0	Global Health Research Practicum
PUB_HLTH 490-0 or PUB_HLTH 391-0	Advanced Global Public Health Global Health Care Service Delivery
PUB_HLTH 560-0	Culminating Experience

Methodology Requirement

PUB_HLTH 421-0 or PUB_HLTH 422-0	Intermediate Biostatistics Intermediate Epidemiology
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Methods Selective

Select 1 in addition to an intermediate course listed above	
PUB_HLTH 416-0	Program Evaluation
PUB_HLTH 421-0	Intermediate Biostatistics
PUB_HLTH 422-0	Intermediate Epidemiology
PUB_HLTH 425-0	Introduction to GIS and Spatial Analysis for Public Health

PUB_HLTH 435-0	Health Services Research Design & Analysis Strategies: Technology Assessment
PUB_HLTH 438-0	Survey Design & Methodology
PUB_HLTH 439-0	Qualitative Research Methods

Global Health Selective

Select two of the following:	
PUB_HLTH 330-0	Global Tobacco: Control and Prevention
PUB_HLTH 393-0	Introduction to Health and Human Rights
PUB_HLTH 412-0	Infection Disease Epidemiology and Prevention
PUB_HLTH 448-0	Introduction to Maternal Child Health
GBL_HLTH 302-0	Global Bioethics
GBL_HLTH 306-0	Biomedicine and Culture
GBL_HLTH 307-0	International Perspectives on Mental Health
GBL_HLTH 309-0	Biomedicine and World History
GBL_HLTH 310-1	Supervised Global Health Research
GBL_HLTH 320-0	Qualitative Research Methods in Global Health
GBL_HLTH 321-0	War and Public Health
GBL_HLTH 390-0	Special Topics in Global Health

Equity Selective

PUB_HLTH 323-0	Health Equity
PUB_HLTH 446-0	LGBTQ Health
PUB_HLTH 447-0	Structural Racism in Public Health

Electives

2 units

Master of Public Health  
Maternal Child Health Concentration

Total Units Required: 16

Course	Title
<b>Core and Required Courses</b>	
PUB_HLTH 301-0	Behavior, Society & Health
PUB_HLTH 302-0	Introduction to Biostatistics
PUB_HLTH 304-0	Introduction to Epidemiology

PUB_HLTH 306-0	Health Literacy, Communication, & Systems Change
PUB_HLTH 370-1	Seminar in Maternal Child Health
PUB_HLTH 370-2	Seminar in Maternal Child Health
PUB_HLTH 370-3	Seminar in Maternal Child Hlth
PUB_HLTH 418-0	Applied Practice Experience I
PUB_HLTH 419-0	Applied Practice Experience II
PUB_HLTH 448-0	Introduction to Maternal Child Health
PUB_HLTH 470-0	Perinatal Mental Health: The Public Health Implications on Maternal & Child Hlth
PUB_HLTH 471-0	Advancing Population Health through Medicaid
PUB_HLTH 560-0	Culminating Experience

#### Intermediate Level Course Requirement

PUB_HLTH 421-0	Intermediate Biostatistics
or PUB_HLTH 422-0	Intermediate Epidemiology

#### Methodology Selective

One of the following courses in addition to one of the Intermediate level courses listed above:

PUB_HLTH 416-0	Program Evaluation
PUB_HLTH 421-0	Intermediate Biostatistics
PUB_HLTH 422-0	Intermediate Epidemiology
PUB_HLTH 425-0	Introduction to GIS and Spatial Analysis for Public Health
PUB_HLTH 435-0	Health Services Research Design & Analysis Strategies: Technology Assessment
PUB_HLTH 438-0	Survey Design & Methodology
PUB_HLTH 439-0	Qualitative Research Methods
BIOSTAT 446-0	Design, Conduct and Analysis of Clinical Trials

#### Equity Selective

Choose one:

PUB_HLTH 323-0	Health Equity
PUB_HLTH 446-0	LGBTQ Health
PUB_HLTH 447-0	Structural Racism in Public Health

#### Electives

4 units