

## **MSEB Degree Requirements:**

All required courses are offered through the PPH MSEB Course Sequence or the MPH Course Sequence. Core courses required for students in both tracks (Thesis and Statistical Analyst) are listed below.

### **CORE COURSES (8.5 credits)**

- EPI BIO 301 Introduction to Epidemiology (1)
- EPI BIO 302 Introduction to Biostatistics (1)
- EPI BIO 305 Applied Statistical Programming in SAS (1)
- EPI BIO 401 Intermediate Epidemiology (1)
- EPI BIO 402 Intermediate Biostatistics (1)
- EPI BIO 446 Design, Conduct, & Analysis of Clinical Trials (1)
- EPI BIO 501 Advanced Epidemiology (1)
- EPI BIO 502 Advanced Biostatistics (1)
- PUB HLTH 441 Ethical Issues in Clinical Research (.5)

### **THESIS TRACK REQUIRED COURSES (1.5 credits)**

- EPI BIO 427 Practical Issues in Population Studies (.5)
- PUB HLTH 445 Writing and Peer Review (1)

### **STATISTICAL ANALYST TRACK REQUIRED COURSES (2.5 credits)**

- EPI BIO 303 Basic Probability (1) EPI BIO 403 Statistical Inference and Applied Techniques (1)
- EPI BIO 560 Statistical Consulting (.5)

Students will have an opportunity to select from a list of electives each quarter.

### **POSSIBLE ELECTIVES**

- PH 301 Behavior, Society, and Health (1)
- PH 303 Environmental Health Sciences (1)
- PH 320 The Role of Community in Public Health (1)
- PH 412 Infectious Disease Epidemiology and Prevention (1)
- PH 417 Public Health Law: Promoting Healthy Youth Development (1)

PH 435 Health Services Research Design (1)  
PH 439 Qualitative Research Methods (1)  
PH 443 Humanitarian Response and Health (1)  
PH 449 Public Health Policy (1)  
PH 524 Cardiovascular Epidemiology (1)  
EPI BIO 418 Obesity Epidemiology (1)  
EPI BIO 428 Bioinformatics & Data Mining (1)  
EPI BIO 427 Practical Issues in Population Studies\* (.5)

Students may incorporate other courses offered in the Feinberg School of Medicine or Northwestern University into their training. In many cases, those courses can be substituted for one of the courses listed below by seeking prior approval and completing the Non-PPH Elective Form.