

## Clinical Research MS

The Clinical Research (CR) MS program trains students to conduct patient-oriented research, develop therapeutic interventions, conduct clinical trials, grant writing and to develop data analytic skills. There are two options within the Clinical Research MS program. The Plan A offers more in-person and traditional opportunities for students because the thesis requires an active role in a new or ongoing clinical research project. The Plan B offers greater flexibility because the program may be completed online and students have more capstone project opportunities. The program requires a minimum of 38 credits.

### PLAN A CORE REQUIREMENTS

38 CREDITS

**PubH 6250** Foundations of Public Health (2 cr)  
**PubH 6301** Fundamentals of Clinical Research (3 cr)  
**PubH 6303** Clinical Research Project Seminar (2 cr)  
**PubH 6307** Clinical Epidemiology (2 cr)  
**PubH 6341** Epidemiologic Methods I (3 cr) **or**  
**PubH 6320** Fundamentals of Epidemiology (3 cr)  
**PubH 6450** Biostatistics I (4 cr)  
**PubH 6451** Biostatistics II (4 cr)  
**PubH 7420** Clinical Trials: Design, Implementation and Analysis (3 cr) **or**  
**PubH 7415** Introduction to Clinical Trials (3 cr)  
**PubH 6348** Writing Research Grants (2 cr)  
**PubH 6742** Ethics in Public Health: Research and Policy (1 cr)

### ELECTIVES

Students also complete a minimum of 2 credits of elective courses in consultation with their academic advisor.

**PubH 8777** Thesis Credits Master's (10 cr)

### PLAN B CORE REQUIREMENTS

38 CREDITS

**PubH 6250** Foundations of Public Health (2 cr)  
**PubH 6301** Fundamentals of Clinical Research (3 cr)  
**PubH 6307** Clinical Epidemiology (2 cr)  
**PubH 6341** Epidemiologic Methods I (3 cr) **or**  
**PubH 6320** Fundamentals of Epidemiology (3 cr)  
**PubH 6450** Biostatistics I (4 cr)  
**PubH 6451** Biostatistics II (4 cr)  
**PubH 7420** Clinical Trials: Design, Implementation and Analysis (3 cr) **or**  
**PubH 7415** Introduction to Clinical Trials (3 cr)  
**PubH 6742** Ethics in Public Health: Research and Policy (1 cr)

### ELECTIVES

Students also complete a minimum of 6 credits of elective courses in consultation with their academic advisor.

**PubH 8394** Plan B: Capstone project (6-10 cr)

#### PROGRAM COORDINATOR

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