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)