

MASTER OF SCIENCE IN PRECISION HEALTH

Department Website: <https://precisionhealth.bsd.uchicago.edu/>

The Institute for Population and Precision Health at the University of Chicago offers a program of study leading to the degree of Master of Science in Precision Health. This unique program leverages the University's resources and faculty expertise in the areas of population health and precision medicine. The curriculum includes core coursework in biostatistics, informatics, precision medicine, and health research. Beyond the core curriculum, students also complete advanced coursework in an area of concentration including clinical research, data science, or entrepreneurship in medicine. A culminating capstone project completes the program and provides hands-on experience in an area of the student's choosing.

PROGRAM REQUIREMENTS

The program requires the successful completion of 10 graduate-level courses, including:

- A *core curriculum* of 7 courses, including a capstone course
- A *concentration* consisting of 3 additional courses in the chosen field

The capstone project will include a final presentation. The culminating project may be research-based or applied depending on a student's interests and career objectives. Students will work with a faculty mentor who will provide guidance and feedback throughout the capstone experience.

Students are also encouraged to participate in seminars and workshops that are of interest to them.

REQUIRED COURSES

The following courses are required:

- MSPH 31100 Biostatistics for Healthcare Research
- MSPH 32000 Introduction to Informatics and Ethics for Healthcare
- MSPH 31000 Clinical Epidemiology for Precision Health
- MSPH 34000 Principles of Precision Health
- MSPH 41100 Advanced Biostatistics
- MSPH 35000 Equity Issues in Precision Health

Requests for substitution of one of the above courses with a similar course are reviewed on a case-by-case basis. Students wishing to substitute an equivalent course in place of a required course must first seek permission of the faculty director. Approval by the course instructor and satisfaction of required prerequisites is also required.

APPLICATION FOR ADMISSION

The program recognizes application deadlines of January 15 and March 15 for matriculation in Autumn Quarter. The application consists of an online application, copies of transcripts from all postsecondary education, TOEFL or IELTS scores (if applicable), three letters of recommendation, resume or curriculum vitae, and a personal statement.

Interested students should visit the program website at <https://precisionhealth.bsd.uchicago.edu/>.

