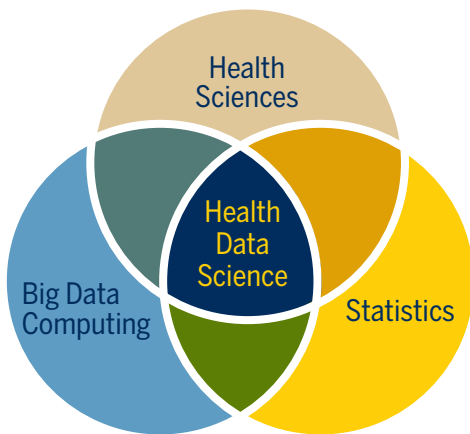




BIostatISTICS

Health Data Science



APPLICATION DEADLINE

MS: December 1

Apply online at
publichealth.umich.edu/apply

FINANCIAL AID

Many students qualify for financial support. Learn more at
publichealth.umich.edu/finaid

The Health Data Science concentration at Michigan Public Health prepares students for the fast-growing data science industry through comprehensive multidisciplinary training. Students will work directly with faculty in the #1 ranked Department of Biostatistics to build the action-based quantitative and computational skills necessary to make transformative impact in public health practice.

Students will build on the core of the Biostatistics master of science degree and develop substantial knowledge of the biomedical sciences and public health, big data analytics and computing skills, and statistical modeling and analysis.

ADMISSIONS INFORMATION

Students must be admitted to the University of Michigan School of Public Health Department of Biostatistics Master of Science Program. Once admitted, students will declare their intention of pursuing the Health Data Science concentration.

GAIN SKILLS TO SET YOURSELF APART IN A GROWING INDUSTRY

Students will gain action-based data analysis experiences on various omics data, brain imaging data, electronic health records, and mobile health. Students will learn to use R software and Python in Spark or Hadoop distributed computing systems to analyze health-related big data. Students will have the opportunity to work directly with faculty to develop and practice their real-world data analysis skills.

LIFE AFTER GRADUATION

Graduates from the Health Data Science concentration will be very competitive in the data science job market, especially related to large scale health data. This concentration is designed to provide students with marketable skills to help them enter the job force immediately and handle the challenges of the workforce.

JOIN OUR PURSUIT.

Learn more at
publichealth.umich.edu/biostat

