Master of Data Science in Health

Join the Next Generation of Health Data Scientists at UCLA

The UCLA Master of Data Science in Health (MDSH) equips professionals with advanced training in data management, analytics, statistical modeling, machine learning, AI, and big data computing. Our program prepares graduates to excel in high-impact careers within healthcare and public health.

Why Choose MDSH?

Cutting-Edge Curriculum: Benefit from a cohort-based, interdisciplinary curriculum focused on practical problem-solving skills needed for a career in health data science.

Flexible Schedule: Complete your degree in 20 months with a combination of in-person classes one weekend per month and online evening sessions, ideal for working professionals.

Prestigious Faculty at the #1 Public University: Learn from renowned faculty with expertise in data science research, high-performance computing, and statistical modeling, including members of the National Academy of Medicine and American Association for the Advancement of Science and recipients of statistics and public health awards.

Connections with Industry Leaders: Engage with leading data scientists who serve as program faculty and academic advisors and benefit from exclusive seminars and small group discussions with prestigious industry leaders, providing invaluable insights and networking opportunities for our students.

Career Opportunities: Data scientists are in high demand across multiple industries, especially healthcare. Businesses rely on data scientists to analyze large datasets and drive decisions. Job opportunities are abundant, with competitive salaries and roles, and the field continues to grow.

UCLA Fielding School of Public Health
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Curriculum Highlights

Core Courses: Foundational courses in public health and data science, including biostatistics, epidemiology, data management, and machine learning, build a robust framework for health data issues.

Electives: Customize your education with advanced biostatistics, health informatics, computational genomics, and predictive modeling.

Capstone Project: Apply skills to real-world health data challenges, solving public health problems with interdisciplinary teams and presenting findings to healthcare stakeholders.

Information Sessions

Join our director and staff for an online information session, held the first Tuesday of each month at 5pm Pacific Time. Sign up:
mdsh.ucla.edu/admission/info session

Apply

Applications open in fall and are accepted in three rounds:
- February 1, 2025
- April 1, 2025
- June 15, 2025

mdsh.ucla.edu/admission

Admission Requirements

Successful applicants will have a strong STEM background and:
- Bachelor's Degree: With a minimum 3.0 GPA.
- Application Materials: Resume/CV, official transcripts, statement of purpose, and three letters of recommendation.
- English Proficiency: TOEFL or IELTS scores are required for applicants from non-Anglophone countries.
- Optional GRE Scores: GRE scores are optional but can be submitted if you feel it will strengthen your application.

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