



CASE WESTERN RESERVE
UNIVERSITY
School of Medicine

BIO-
STATS



Case Western Reserve University School of Medicine

Master of Science in Biostatistics

When you earn your Master of Science in Biostatistics from Case Western Reserve University's tier-one medical school, you learn how to design compelling clinical research studies, analyze health data and inform the creation of clinical standards of care that save lives and improve health.

Through our rigorously designed program, we'll prepare you for admission to a PhD program, a clinical career designing your own studies, or a rewarding job that combines coding, data management and analysis as a statistical programmer.

Select the Track to Meet Your Goals

Our master's program **offers multiple tracks** to let you tailor a course of study that resonates with your interests. Regardless of which option you choose, you'll gain a well-rounded skill set to meet your future employer's expectations.

Our tracks include:

- **Biostatistics** – Generalist Track
- **Genomics and Bioinformatics**
- **Healthcare Analytics**
- **Social and Behavioral Science**





Train at Your Own Pace

Not only will you train comprehensively—you'll train efficiently. You can choose to complete this master's program in either one year or two years, depending on your needs and interests.

An Internship or Practicum Developed for You

We know students often benefit from hands-on experience with particular tools, professional settings and methodologies, so we won't make you labor over a thesis.

Instead, you can choose an internship or practicum of at least 160 hours, designed to help you build professional connections and gain firsthand experience as a biostatistician. Also, because student internships can lead to permanent jobs, you can complete your internship anywhere in the world, and we'll help set it up for you.



Why Case Western Reserve University?

At CWRU, our mission is centered on education and community impact, fueled by research, innovation and collaboration. We pride ourselves on having not just one, but five “campuses” through our partnerships with local, world-class hospital systems: Cleveland Clinic, University Hospitals, MetroHealth Systems and Louis Stokes Cleveland VA Medical Center.

As a School of Medicine student, you will gain firsthand experience in clinical and research settings while building a network for your future career.

Application Requirements

- Online application
- Personal statement
- Unofficial transcripts from a bachelor's degree from an accredited institution (either already complete, or will be complete before you enroll)
- Resume/CV
- Three letters of recommendation
- International applicants:
Results of TOEFL, IELTS, or Pearson Test of English score

UMC_5041-26_2025



Ready to learn more?
Reach out to our admissions team
at ms-biostatistics@case.edu
or scan to visit our website.



**CASE WESTERN RESERVE
UNIVERSITY**
School of Medicine