



Master of Science in Biostatistics

Take your career in a Northwestern direction. The Master of Science in Biostatistics provides graduate biostatistics training for students who intend to plan, direct and execute health research and/or analyze health data.



My experience in the MS program provided a solid foundation for a career in biostatistics. As a student, I had the opportunity to participate in collaborative research, and the faculty were extremely supportive throughout the program and beyond. Now that I am working as a statistical analyst, I fully realize the value of my MS degree and feel that it thoroughly prepared me to be working in this role."

MEGAN McCABE
MS GRADUATE

About the Program Concentrations

The Master of Science in Biostatistics is a 12-month, full-time degree program that begins in mid-June (summer quarter). It can also be completed in 24 months of part-time enrollment in daytime classes. Classes take place on Northwestern's Chicago campus.

Students have 3 concentration options: Population Health Analytics, Statistical Bioinformatics, and Statistical Methods and Practice. All students complete a collaborative thesis project involving biostatistics and medical research faculty and based on human population or statistical methods/simulation.

POPULATION HEALTH ANALYTICS

This concentration is designed for college graduates or students with professional degrees who intend to plan, direct and execute health research. This concentration emphasizes both biostatistical and epidemiological methods.

STATISTICAL BIOINFORMATICS

This concentration prepares students to work as statistical analysts or programmers on research teams. Courses emphasize biostatistics, cutting-edge computation and analysis of genomics and other bioinformatics "big data."

STATISTICAL METHODS & PRACTICE

This concentration prepares students to work as statistical analysts or programmers. Courses emphasize a broad range of statistical theory, methods and computation for data from health and medical research settings.



Admissions Requirements

- A baccalaureate or professional degree to be awarded before you begin the degree program in mid-June
- Undergraduate GPA of 3.0 or higher
- Differential and integral calculus. Linear matrix algebra is useful for those concentrating in Statistical Methods and Practice

Admissions Process

We use SOPHAS, the Centralized Application Service for Public Health. This requires:

- Statement of Purpose and Objectives (personal statement of 500 words or less)
- Contact information from three faculty members, instructors, employers, or supervisors or other professionals who can address your career interests and/or your ability to do graduate level work. (Your application will be considered complete after two letters are submitted on your behalf.)
- World Education Services (WES) ICAP Course-by-Course evaluation of academic records from institutions outside the U.S. and English-speaking Canada
- Optional: GRE scores submitted with GRE code 6981

Admissions Deadline

December 15

We recommend that applicants submit their application and supporting materials via SOPHAS 3-4 weeks ahead of the deadline to allow time for verification. Your application will not be reviewed until it is verified by SOPHAS. You will receive an email when the application goes under review at Northwestern.



International Students

We welcome international applicants. The MS in Biostatistics is STEM eligible. If your native language is not English, you must certify your proficiency in the English language in one of the following ways:

- Provide official scores for The Michigan English Test, the TOEFL, or IELTS exam. Scores should be less than 2 years old
- Provide official transcripts verifying an undergraduate degree from an accredited four-year institution or equivalent, where the language of instruction is English
- Provide official transcripts verifying a graduate degree from an accredited institution where the language of instruction is English

Scholarships

Many admitted students are eligible for merit scholarships. Full-time students qualify for up to \$5,000/quarter and part-time students qualify for up to \$2,500/unit. Merit scholarships cannot be combined with Northwestern's Employee Reduced Tuition Plan but do take effect after Northwestern employees have exhausted their tuition benefit. Merit scholarships are not eligible to be rolled over to later quarters.



**SCAN HERE FOR MS IN BIOSTATISTICS
TUITION INFORMATION**

Northwestern University Feinberg School of Medicine
Program in Public Health

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