Biostatistics

The mission of the Institute for Informatics, Data Science and Biostatistics (I^{2}DB) focuses on the informatics, data science, and biostatistics landscape at Washington University School of Medicine in order to transform research, education, and patient care by emphasizing precision medicine and efforts to improve the quality of health care and public health initiatives locally, nationally, and worldwide.

The Biostatistics education programs offered by I^{2}DB include two master's degrees and one graduate certificate: the Master of Science in Biostatistics (MSIBS), the Master of Science in Biostatistics and Data Science (MSBDS), and the Certificate in Biostatistics and Data Science. Interested students may pursue individual courses offered by the division.

Washington University School of Medicine is known for being at the forefront of medical research and primary care; the school engages students in research and practical training so that they can contribute to improving health outcomes. Our programs train students as critical thinkers and collaborators in biostatistics, genetics, and data science. We seek those with undergraduate degrees in the quantitative and biomedical sciences, including fields such as Mathematics, Statistics, Computer Science, Informatics, and Biomedical Engineering.

Our programs are designed to teach students how to manage, analyze, and interpret health data using statistical and data science approaches. Internationally renowned faculty from multiple disciplines, including Biostatistics, Genetics, Informatics, Medicine, and Public Health, will train a new generation of quantitative scientists. The curriculum offers a unique training experience that combines core data science learning in statistical and computational methodologies with practical training in real-world data analysis of cutting-edge Biomedical and Genomics research.

Academic Calendar

The academic programs begin in the fall of each year. They follow the Washington University Arts & Sciences academic calendar for fall and spring courses.

Location

The Biostatistics programs are located in the Institute for Informatics, Data Science, and Biostatistics, which is on the fifth floor of the Bernard Becker Medical Library (660 S. Euclid Ave., St. Louis, MO 63110), rooms 500 through 508.

Additional Information

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