Icahn School of Medicine at Mount Sinai

Master of Science in Biomedical Data Science and AI

Become the next generation of data scientists revolutionizing precision medicine

Program Basics

30 credits, designed to be completed in 18 months

Personalized advising with mentoring and career guidance

Training in biomedical science, algorithms, computer systems, machine learning

Mentored capstone project to address health care issues with cutting-edge approaches

Fully online option available to students

For more information:

📞 **212-241-8501**

✉️ **datasciencemasters@mssm.edu**

🌐 **icahn.mssm.edu/education/masters/data-science**

Career Opportunities

Job growth potential: The US Bureau of Labor Statistics predicts that data science jobs will experience 34% growth between 2024 and 2034

Starting salaries: **$98,500** (25%) - **$136,000** (75%) (per ZipRecruiter)

Our graduates have obtained jobs at:
- health care networks
- pharmaceutical companies
- biotechnology startup companies

The Graduate School of Biomedical Sciences

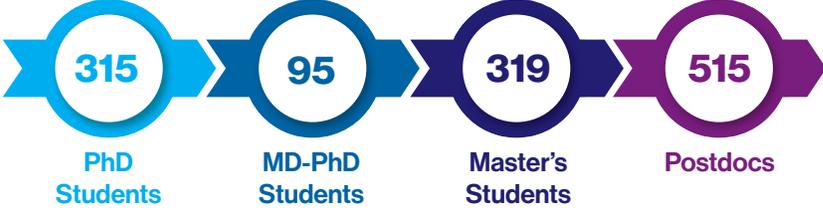Our school within a hospital brings together clinicians, biologists, and computational scientists

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NIH Grant Funding $501.7 million

Total NIH funding, including grants, contracts, and other transactions (2025 fiscal year)

Number of Graduate Students and Trainees

(2025-2026 academic year)

315 PhD Students

95 MD-PhD Students

319 Master's Students

515 Postdocs

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