The Department of Biomedical Informatics at Harvard Medical School offers a 36-credit Master of Biomedical Informatics program. This program is meant for students who want to learn more about the exciting and growing field of biomedical informatics. Students have the opportunity to learn from experts from throughout the Harvard Medical School community. Graduates of the program will have an excellent understanding of the fundamentals of the field and will be proficient in applying a broad range of informatics approaches, methods, and techniques in their chosen careers.

Program Mission
The practice of clinical care and biomedical investigation each constitute complex enterprises that are increasingly dependent on the mastery of enormous data streams. There is increasing urgency to leverage the enormous advances in genomic science, the near ubiquity of health information technology, and new methods for managing and analyzing large data sets in order to accelerate biomedical discovery and improve the delivery of health care. Our goal is to equip our students with the knowledge, skills, and experiences needed to engage meaningfully in the field of biomedical informatics.

Program Description
The program provides the intellectual framework for clinicians and biomedical scientists in the systematic and sound use of quantitative methods to increase agility with such methods in their respective domains. The program includes an intensive, hands-on quantitative bootcamp, a range of foundational courses, and courses in emerging areas such as precision medicine, data science, and data visualization. All students are expected to complete a research project and to participate in a longitudinal seminar series.

Who is this Program for?
• **Postdoctoral students** who recognize the relevance of informatics to their research
• **MDs** who are interested in qualifying for the subspecialty in clinical informatics
• **Medical students** who would like to explore the importance of informatics in the practice of medicine

Contact Information
To learn more about the program, including the required prerequisites, the application process, and the program calendar, please visit our website and email us with any questions through our [Contact Us page](mailto:informaticstraining.hms.harvard.edu).