



# DBMI Graduate Programs

The Department of Biomedical Informatics (DBMI) at Harvard Medical School offers graduate programs leading to a Master of Biomedical Informatics and a PhD in Bioinformatics and Integrative Genomics.

## Master of Biomedical Informatics (MBI)

The Master of Biomedical Informatics program is designed for students who aim for a biomedical career that requires strong data science skills. The program offers two routes to the degree:

### Traditional Master's Program (48-credit program)

- For students who hold a bachelor's degree in Bioinformatics, Bioengineering, Biomedical Engineering, Computer Science, Mathematics, or another related quantitative field

### Accelerated Master's Program (36-credit program)

- For students who hold a doctoral degree in a biomedical or related field and recognize the relevance of informatics and data science to their research
- MDs 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

For more information please visit: [informaticstraining.hms.harvard.edu](http://informaticstraining.hms.harvard.edu)

## Bioinformatics and Integrative Genomics (BIG) PhD

The Bioinformatics and Integrative Genomics (BIG) PhD program is designed for students with a strong quantitative background who are interested in applying their skills to solve fundamental problems in biological and medical sciences. The mission of the BIG program is to train future leaders in bioinformatics and genomics by providing students with the tools they need to conduct original research and develop novel approaches and new technologies to address fundamental biological questions. Prospective students should hold at least a bachelor's degree in a quantitative science or a bachelor's degree with a substantial minor in engineering or physical science.

For more information please visit: [dms.hms.harvard.edu/big](http://dms.hms.harvard.edu/big)

Both programs benefit from being housed at the Department of Biomedical Informatics in the Longwood Medical Area in Boston, which is one of the premiere medical research hubs in the world. Students are able to work with faculty members who hold appointments at the area's Harvard-affiliated hospitals and can take advantage of a multitude of seminars and other programs offered by Harvard-affiliated institutions.

# SUMMER INSTITUTE *in*



## BIOMEDICAL INFORMATICS

at HARVARD MEDICAL SCHOOL  
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