



Stony Brook  
University

# GRADUATE PROGRAMS IN BIOMEDICAL INFORMATICS

- Doctor of Philosophy (PhD)
- Master of Science (MS)
- Advanced Graduate Certificate

Stony Brook's Department of Biomedical Informatics is dually housed in the **School of Medicine** and in the **College of Engineering and Applied Sciences**. Our students can access resources from both schools.

Graduates can expect careers in academia, research institutions, hospitals, industry and government.





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## WHAT IS BIOMEDICAL INFORMATICS?

Biomedical Informatics (BMI) is an interdisciplinary field that investigates and explores the effective use of biomedical data, information and knowledge for scientific inquiry, problem-solving and decision-making, driven by efforts to improve human health. Stony Brook embeds BMI's computer engineering and applied sciences education in research and operations at a major medical center, where quantitative sciences have emerged at the very core of efforts to understand, prevent and treat disease.

## DEGREE TRACKS

**CLINICAL INFORMATICS:** Enhancing the quality and efficiency of clinical workflows

**IMAGING INFORMATICS:** Integrative analysis and management of biomedical images

**TRANSLATIONAL BIOINFORMATICS:** Application of informatics methods to advance patient-related biomedical research, from clinical genomics to population health

## REQUIREMENTS

Admission and degree requirements are detailed in the Stony Brook Graduate Bulletin:  
[sb.cc.stonybrook.edu/gradbulletin/current](http://sb.cc.stonybrook.edu/gradbulletin/current)

## CONTACT US

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