



Stony Brook
University

GRADUATE PROGRAMS IN BIOMEDICAL INFORMATICS

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

Stony Brook University, the flagship State University of New York, is a member of the prestigious Association of American Universities and co-manager of the nearby Brookhaven National Laboratory. It is located at Long Island, a beautiful location close to beaches and New York City.

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.

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. BMI faculty conducts cutting-edge interdisciplinary research in Data Science, Imaging Informatics, Systems Biology, Computational Biology and Bioinformatics, Clinical Informatics, Computational Science, Population Health and Visualization. Graduates can expect careers in academia, research institutions, hospitals, industry and government.

Besides Ph.D. degree, we also offer M.S. degree and Advanced Graduate Certificate in three 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

The application deadlines for Fall 2018 are January 14, 2018 for Ph.D. program, and April 13, 2018 for M.S. program and Advanced degree certificate program. To apply, please go to: <http://sb.cc.stonybrook.edu/gradbulletin/current/academicprograms/bmi/>

The admission and degree requirements are detailed in the Stony Brook Graduate Bulletin: <http://sb.cc.stonybrook.edu/gradbulletin/current>

You can reach us at: +1 (631) 638-2590 or BMIGradEd@stonybrookmedicine.edu.

Website: <https://bmi.stonybrookmedicine.edu>

