

# MASTER OF SCIENCE IN COMPUTATIONAL BIOLOGY & BIOMEDICAL INFORMATICS



Where data meets biology and medicine

## Program Highlights

The MS degree is a full-time 2-year program that provides students with broad training in information sciences, data science, clinical informatics, biological science, and consumer informatics. Students explore innovative ways to use data, information, and knowledge to improve the care and well-being of patients and populations, and biomedical science research. Graduates will be ready to tackle problems spanning medicine, computing, biology, data science, and more!

## Pre-requisites

Applicants should typically have an undergraduate degree with a focus in health, computer science or mathematics/statistics.

For students without formal training in information or health sciences.

## Program Expectations

For the experienced clinician looking to gain a problem-solving edge or technical aficionado looking to understand clinical practice, the MS focuses on developing research skills through both coursework and structured research opportunities. Students will be expected to produce real-world solutions of publishable quality to problems in concert with faculty and practicing clinicians.

## Beyond graduation

A MS in computational biology and biomedical informatics with a biomedical informatics track is expected to prepare a student for a career in biology at scientific research institutes, in clinical or health systems in data science roles, in STEM industry (beyond just the biomedical sector), or further academic research in graduate school or beyond.

## How to Apply

[GSAS.yale.edu/admissions](https://gsas.yale.edu/admissions)

Apply by **December 1**

Application information is available at the Yale Graduate School of Arts and Sciences.

GRE is not required.

## Contact Us

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