Thanks for your interest in the Biomedical Engineering Masters program at Yale. Here is some general information.

If you would like to apply for our graduate program, please do so online (http://www.yale.edu/graduateschool/admissions/). The deadline is early January to start the program in the fall. You must apply to either the PhD or Masters program. There are no rolling admissions or admissions to start in the spring semester.

The Masters program typically requires one year. A total of eight graduate courses are required, two of which can be lab rotations (called “Special Investigations”). In addition, there is one required short ethics course, but no other specific requirements. In general, the portfolio of courses should be consistent with a masters degree in BME. Graduate School requirement for students admitted for the M.S. degree is an overall grade average of High Pass, including a grade of Honors in at least one full-term graduate course.

See the engineering graduate school web site (http://seas.yale.edu/study-graduate.php) for information on the Masters programs. Also, see the website for the graduate school for more information on the program and on the applications process (http://www.yale.edu/graduateschool/admissions/).

If you are interested in laboratory rotations, it is helpful if you have in mind one or more faculty members with whom you would like to work. Read the web pages of the department faculty to see who has research programs that are best aligned with your interests. More than half of our Masters students do lab rotations. For students interested in pursuing a PhD after the Masters, research experience is very important.

Our admitted students tend to have a wide variety of academic backgrounds. However, most have a good background in fields such as engineering, biology, chemistry, physics, mathematics, and/or computer science. Admitted students with non-scientific majors have always taken some classes in these areas and can show with their transcript that they can do well in engineering/math/biology classes.

The average GREs of our accepted Masters students are 77th percentile verbal and 91th percentile quantitative. The average GPA of accepted Masters students is 3.7.

The TOEFL test is required for applicants with a Bachelor’s degree from a university where English is not the primary language of instruction. It is common for incoming PhD students to score 100 or higher on the TOEFL test overall and 26 or higher on the TOEFL-Speaking test.

There is no direct path from the Masters program to the PhD program, i.e., this is a terminal Masters program. Students in the Masters program must directly apply for the PhD program, and acceptance into the Masters program does not give you automatic acceptance into the PhD program.

There is no financial assistance available for students enrolled in the master’s degree program. Further, due to the course work, students typically cannot devote sufficient time to be eligible for research funding. However, several of our Masters students perform a teaching fellowship for undergraduate courses and receive compensation for this work.
We do not have an organized visit day where we host the MS students. Therefore, it is a good idea to directly contact a few of the professors whom you are most interested in working with to arrange a visit to their labs.