Master of Engineering in Biomedical Innovation (MEng)

About the Master of Engineering in Biomedical Innovation

The Department of Biomedical Engineering in the School of Engineering & Applied Science at Washington University offers a 12-month intensive, hands-on Master of Engineering program for students seeking to hone their engineering skills and acquire the entrepreneurial skills necessary to convert great ideas into products that benefit people.

With guidance, students initially identify problems in health care that can be solved through the judicious application of technology. They then spend the remainder of the program working in groups not only to solve an important problem, but also to learn how to develop and protect intellectual property, to raise money and to construct a business plan to see their solution implemented in society.

As an engineering school, we aspire to discover the unknown, educate students and serve society. Our strategy focuses intellectual efforts and builds on strengths, particularly as applied to medicine and health, energy and environment and security. Through innovative partnerships with academic and industry partners — across disciplines and across the world — we will contribute toward solving the greatest challenges of the 21st century.

Application deadline: January 15 • Program starts June 1

More info and apply: bme.wustl.edu/meng

Questions? Contact Dennis Barbour: dbarbour@wustl.edu

Program Benefits

Signature features of the program:

» interdisciplinary engineering program at one of the world’s top research universities, including top medical and business schools

» tailored to individuals with technical backgrounds seeking entrepreneurial training

» hands-on, small team-oriented learning environment

» designed to accelerate skills acquisition from engineering solution through real product development

» development of a well-rounded skillset comparable to an engineer with multiple years of industry experience

» opportunity for graduates to join an existing medical device or biotechnology company, or create a new startup company