

One-Year MSE Degree Program in Medical Innovation & Design



The world is facing major medical challenges.

Are you willing to devote your engineering talent to solving them?



Can you see yourself as an innovation leader in the health care industry or in medicine?



Do you have a passion for innovation and design that can transform lives around the world?



An intensive one-year program that immerses you in the technical, clinical, and business realities of practical health care innovation.

- Begin in the summer working closely with clinicians and scientists at the top-ranked Johns Hopkins Hospital to identify and validate significant clinical needs.
- Travel from Johns Hopkins Hospital to some of the most challenging health care environments in Asia and Africa to understand biodesign for the rest of the world.
- Form teams with other students plus faculty in the Johns Hopkins Schools of Medicine and Engineering, and with other partners, to design, prototype and test viable solutions.
- Work with business faculty plus industry, legal, and regulatory mentors to learn to develop business plans that could propel your innovations toward practical use.

2026 INFORMATION SESSIONS

Zoom Meeting ID: 980 5760 9867

Tuesday, Sept. 22	6pm - 7pm
Wednesday, Oct. 7	10am - 11am
Thursday, Oct. 29	6pm - 7pm
Saturday, Nov. 14	11am - 12pm
Wednesday, Dec. 2	6pm - 7pm

(All times are U.S. Eastern Standard Time)

MSE Application Deadline: Jan 7, 2027

Apply Online:
cbid.bme.jhu.edu

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UNIVERSITY & MEDICINE

