



Northeastern University
College of Engineering
Bioengineering

BIOENGINEERING

ONLINE COURSE OFFERINGS

INNOVATIVE CURRICULUM

Northeastern University's MS program in Bioengineering offers a flexible, cutting-edge curriculum designed for tomorrow's innovators. For working professionals and part-time students, our program adapts to your schedule with both in-person and asynchronous online options.

Our comprehensive curriculum prepares you for careers in:

1. Biomedical Devices and Bioimaging
2. Molecular, Cell & Tissue Engineering
3. Biomechanics & Mechanobiology
4. Systems, Synthetic, & Computational Engineering

Join a thriving community of engineers making breakthrough discoveries to improve human health and well-being.

CONTACTS

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ONLINE COURSE OFFERINGS

The following courses are offered both in-person and online, and are subject to change based on semester

BIOE 6000 – Principles of Bioengineering

BIOE 6100 – Medical Physiology

BIOE 5115 – Dynamical Systems in Biological Engineering

BIOE 5250 – Regulatory & Quality Aspects of Medical Device Design

BIOE 5410 – Molecular Bioengineering

BIOE 5420 – Cellular Engineering

BIOE 5430 – Principles & Applications of Tissue Engineering

BIOE 5880 – Computational Methods in Systems Bioengineering