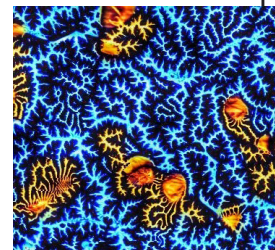
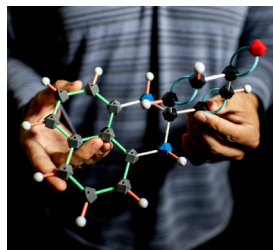
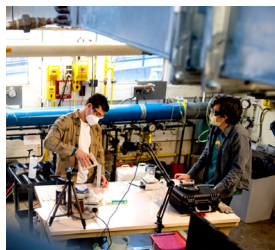
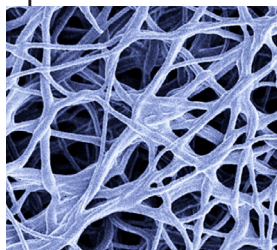


Northeastern University Department of Chemical Engineering



MS and PhD Degrees

The graduate programs in Chemical Engineering at Northeastern University offers students the opportunity to work on cutting-edge research that tackles pressing challenges facing our society and our planet in areas such as biomedicine, energy, security and sustainability. With a premier location in downtown Boston, research in the department leverages the wealth of collaborations with neighboring universities, hospitals, medical centers, and industry. Our community shares a commitment to promote excellence in education and research through individual and collective responsibility for maintaining the highest expectations and standards.

CO-OP & EXPERIENTIAL LEARNING

Experiential learning, anchored by our signature cooperative education program, lies at the heart of a Northeastern education. Our broad mix of experience-based education programs—including co-op, student research, service learning, and global learning—build the connections that enable students to transform their lives. Both MS and PhD students have the opportunity to blend their studies with co-op experiences that immerse students in industry and strengthen professional networks.

RESEARCH AREAS

Biomolecular & Biomedical Systems

Complex & Computational Systems

Energy & Sustainability

Engineering Education & Pedagogy

Materials & Nanotechnology

DEPARTMENT QUICK FACTS 2020

- 629** Graduate students
- 70%** Increase in research expenditures since 2017
- 33** Tenured/Tenure-Track and Teaching Faculty Members
- 20** Young Investigator Awards
- 8** National Science Foundation CAREER Awards
- 17** Professional Society Fellowships
- 54** Visiting Scholars (2017-2020)

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