The department offers a Master of Science and a Doctor of Philosophy in Chemical Engineering. The MS degree is offered as either a thesis MS or a coursework (nonthesis) MS degree. Many courses are in the late afternoon or early evening to make them accessible to part-time students with full-time industrial careers. A full-time MS student may apply for participation in the cooperative (co-op) education plan. MS students pursuing the thesis MS option should first gain the consent of their advisors prior to participating in the co-op plan. The coursework MS may be taken part-time, but the thesis MS and PhD degrees are only offered as a full-time program. Any deviations from the curriculum must be addressed by petition to the graduate committee and will be considered on a case-by-case basis.

Candidates pursuing a thesis MS or a PhD degree can select thesis topics from a diverse range of faculty research interests. New graduate students can learn about ongoing research from individual faculty members, faculty websites, and graduate student seminars. Graduate student seminars are held on a regular basis and provide an interactive forum for learning and exchanging research ideas.

Graduate Certificate Options

Students enrolled in a master’s degree have the opportunity to also pursue one of the many engineering graduate certificate options in addition to or in combination with the MS degree. Students should consult their faculty advisor regarding these options (http://catalog.northeastern.edu/graduate/engineering/graduate-certificate-programs/).

GORDON INSTITUTE OF ENGINEERING LEADERSHIP OPTION

Students have the opportunity to pursue the Gordon Engineering Leadership Program (http://catalog.northeastern.edu/graduate/gordon-institute/#text) in combination with the MS degree.

Programs

Doctor of Philosophy (PhD)

- Chemical Engineering (http://catalog.northeastern.edu/graduate/engineering/chemical/chemical-engineering-phd/)

Master of Science in Chemical Engineering (MSChE)

- Chemical Engineering (http://catalog.northeastern.edu/graduate/engineering/chemical/master-of-science-chemical-engineering-msche/)

Graduate Certificate

- Process Safety Engineering (http://catalog.northeastern.edu/graduate/engineering/chemical/process-safety-engineering/graduate-certificate/)