How does GIEL work?

- Apply now to participate in GIEL during your first or second year of graduate school
- If admitted, you will join a diverse cohort of exceptionally qualified engineering students committed to honing their engineering leadership skills
- During your first or second year of graduate study, you will complete 16 credits of GIEL coursework, including an industry-focused Challenge Project
- For most programs, participating in GIEL does not increase the total number of credits required for your degree
- Upon completion, you will earn a Master of Science degree in your selected discipline, a Graduate Certificate in Engineering Leadership, and the prestigious title of “Gordon Fellow”

What is the GIEL curriculum?

- The GIEL curriculum consists of coursework, an industry-focused Challenge Project, and supplemental leadership development activities
- GIEL requirements take place over the course of one calendar year (September – August); additional Master of Science coursework can be pursued before, after, or in parallel with the GIEL curriculum

Who should apply?

GIEL can best serve Candidates with the following qualifications:

- Strong motivation to develop as an engineering leader
- Experience in the field of engineering (co-op or internship experience will be considered)
- A company or organization to provide an industry-focused Challenge Project (typically a full-time employer, but internship or co-op employers are allowed)
- If you do not have a company or organization to provide a Challenge Project at the time of application, please contact us to discuss options

Take the next step! Visit www.northeastern.edu/gordonleadership or contact gordonleadership@northeastern.edu today
DEGREE OPTIONS

Students who are interested in pursuing a Master of Science may combine the Graduate Certificate in Engineering Leadership with any of the degrees listed below.

College of Engineering

Bioengineering
- MS in Bioengineering

Chemical Engineering
- MS in Chemical Engineering

Civil and Environmental Engineering
- MS in Civil Engineering
- MS in Engineering and Public Policy with a Concentration in Energy & Environment
- MS in Engineering and Public Policy with a Concentration in Infrastructure Resilience
- MS in Environmental Engineering
- MS in Sustainable Building Systems

Electrical and Computer Engineering
- MS in Electrical and Computer Engineering
- MS in Electrical and Computer Engineering Leadership

Mechanical and Industrial Engineering
- MS in Data Analytics Engineering
- MS in Industrial Engineering
- MS in Mechanical Engineering
- MS in Operations Research

Multidisciplinary Masters Programs
- MS in Computer Systems Engineering
- MS in Energy Systems
- MS in Engineering Management
- MS in Information Systems
- MS in Telecommunications Networks

College of Computer and Information Science
- MS in Information Assurance and Cybersecurity

The National Academy of Engineering awarded The Gordon Institute of Engineering Leadership the prestigious 2015 Bernard M. Gordon Prize for Innovation in Engineering and Technology Education.