The Ohio State University
College of Engineering

The Ohio State University
Fisher College of Business

The Ohio State University
John Glenn College of Public Affairs
Master Global Engineering Leadership

Be prepared to lead from any level in your organization and empower yourself with the Master of Global Engineering Leadership (MGEL) degree that is offered 100% online. The MGEL will enable you to develop a compelling vision and an understanding of how to tackle strategic initiatives and create more value within your business.

Learn new management and technical skills as well as a better understanding of the business-government relationship – all in one graduate degree. The MGEL is made possible through a partnership between the College of Engineering and the Fisher College of Business and the John Glenn College of Public Affairs.

Why MGEL?

**REPUTATION**

Earn a degree from a globally-recognized university and highly ranked College of Engineering

**CAREER GROWTH**

Engineering manager’s average salary $140,760*

*US Bureau of Labor Statistics

**CONVENIENCE**

100% online and a flexible format for working engineers

“The online format is key to balancing a masters degree with a demanding full time engineering job and family.”

MGEL Graduate - 2016

MGEL.OSU.EDU
Unique Curriculum

The Master Global Engineering Leadership is a minimum 33 credit hour degree with a curriculum that aims to transform engineers into exceptional leaders in their field. The integrative curriculum includes core courses that teach leadership and management while a strong engineering focus is provided through the choice of a specialized technical track. The combination of advanced engineering and leadership courses separates the MGEL from other graduate programs.

Core Courses

ENGR 6220 Financial and Managerial Accounting for Engineers
ENGR 6230 Technology Strategy and Innovation Management
ENGR 7200 Engineering Ethics and Professionalism
ISE 6801 Project Management for Engineerings
PUBAFRS 5750 The Business-Government Relationship
ENGR 6210 Leadership and Team Effectiveness*
or
PUBAFRS 6050 Management in Public Agencies*

*Students select either ENGR 6210 or PUBAFRS 6050
Technical Track Specializations

The technical tracks are one of the distinguishing characteristics of the Master Global Engineering Leadership degree and each consists of four graduate engineering courses. Technical tracks are selected by students based on their professional and academic background and are available in in the following engineering disciplines.

- Automotive Systems Engineering
- Additive Manufacturing
- Radar Systems Engineering
- Welding Engineering
- Civil & Environmental Engineering
- Enterprise Services & Architectures
- Materials Science
- Customized Individual Track

Integrative Project

The MGEL curriculum includes a capstone project. This provides an experience for students to combine the technical and professional skills they learned in the program in one culminating integrative project. At the same time the project enables students to demonstrate reflection, critical thinking, effective professional communication, and mastery of the principles and knowledge learned from the core and technical track courses.
“The MGEL program has proven to be the best of both worlds: A challenging study into advanced engineering applications, along with insightful instruction on essential business and leadership principles.”

MGEL Graduate - 2016

“The MGEL was the ideal route for me as it was an opportunity to accomplish my goals in academia while continuing my career in the consulting industry. The ability to choose a technical track enabled me to grow considerably in topics that were pertinent to the problems I face daily as a professional.”

MGEL Graduate - 2019

“The MGEL program has made me much more confident in my project management skills and has taught me valuable information about managing public organizations, accounting, along with allowing me to further my engineering education. The MGEL has taught me that I am able to take on a management or leadership role in a company and should be highly competent in this position.”

MGEL Graduate - 2019
Admissions Information

The MGEL program accepts applications year round and offers rolling admissions - meaning that students can start the program during any academic term (Spring, Summer, or Autumn).

Applicants must have an earned bachelor’s degree and at least one year of professional work or internship experience.

Contact Us with Questions:
email: eng-profed-mgel@osu.edu
phone: 614-292-0393

No GRE for qualified applicants!

Apply Online at: MGEL.OSU.EDU

MGEL Student Profile

Average age: 30
Average years of work experience: 8

Undergraduate Field of Study:

- Biomedical Engineering
- Civil Engineering
- Computer Science Engineering
- Electrical Engineering
- Environmental Engineering
- Industrial Systems Engineering
- Information Technology
- Material Sciences
- Mechanical Engineering
- Welding Engineering

Industries Represented:

- Aerospace
- Automotive
- Banking
- Civil Engineering
- Controls
- Energy
- Engineering Consulting
- Environmental Engineering
- Government
- Healthcare
- Higher Education
- Information Technology
- Insurance Management Consulting
- Manufacturing
- Military
- Oil & Gas Technology
- Transportation Engineering