Engineering Leaders

Case Western Reserve University is a premier private research institution, home to more than 16 Nobel Laureates, and consistently ranks among the top national universities, best value institutions. Use our sterling reputation to your advantage.

When you enroll at Case Western Reserve, you become an integral part of one of the nation's most respected research institutions. When you work on teams, you develop leadership skills and problem-solving techniques needed to thrive as a leader in the engineering field.

Case Western Reserve offers four fully online Master's Programs That Launch You into a Distinguished Career in Engineering:

Online MS in Mechanical Engineering
Online MS in Biomedical Engineering
Online Master of Engineering
Online MS in Systems Engineering

LEADERSHIP

Engineering Innovation, Management and Leadership concentration

Spotlight on EPOM 400:

You will take EPOM 400, an integral core course in Engineering Leadership and Interpersonal Skills.

Improving the management and leadership skills of engineers is critical to their success in today’s competitive market. This 1-quarter, 3-credit course is offered through our 100 percent online Engineering Management and Organization (EMO) program.

Given the need for leadership skills both within and outside of the engineering profession, this course provides a broad range of skills, techniques, and strategies that are essential to effective leadership at all levels.

A Message From Dominique Durand

At CWRU, we work with you to advance your career and meet your educational environment, and we are looking forward to working with you to learn more about the innovative online programs offered by the Case School of Engineering.

The Case School of Engineering is a wellspring of innovation, industry partnerships, and federal R&D expenditures. For the eighth consecutive year, CWRU ranks among the top engineering programs in the nation, with particular praise in the areas of biomedical engineering and industrial/manufacturing/systems engineering. The Case School of Engineering also ranks among the top graduate schools in the country, with particularly high praise in the areas of biomedical engineering and industrial/manufacturing/systems engineering. Additionally, Case Western Reserve University is ranked one of the top national universities, best value institutions. According to U.S. News & World Report, Case Western Reserve University is one of the most respected research institutions in the nation.

Enroll in a Case Western Reserve online Master's program for a 100 percent online degree from the convenience of your own home. Now, you can earn a sought-after degree from the Case School of Engineering at Case Western Reserve University—without putting your career on hold.

Explore the Online Master of Engineering Program

Take Your Place as an Engineering Leader

Start an Application
Online MS in Systems and Control Engineering

At Case Western Reserve, we produce great team leaders. We take a holistic look at issues and solve real-world problems. Learn from our expert faculty who are actively engaged in biomedical engineering, systems engineering, and technology. Explore the Online MS in Systems and Control Engineering from graduating cohorts between 2016 and 2018.

Curriculum

The 30-credit online MS in Systems and Control Engineering can be completed in as few as 18 months if you take two courses per term. It consists of the following:

- 2 biomedical engineering core courses
- 2 engineering core courses
- 2 biomedical engineering core courses
- 2 translational courses
- 2 technical electives
- 5 technical electives
- 2 electives
- 8 core courses
- 18 months if you take two courses per term
- Online MS in Mechanical Engineering

Explore the Online MS in Mechanical Engineering

Find the Program That Fits Your Personal and Professional Goals

A Message From Sunniva Collins

Personal and Professional Goals

Over 90 percent of alumni who are employed report learning in the program in their current role. Nearly 50 percent of alumni who are employed report a mid-career salary of $129,000 per year.6 For engineers, it means a median annual pay of $91,010.5 and median annual wage in 2018 was $87,370. This online master's program will prepare you with the fundamental tools and expertise necessary to open up a wide variety of possibilities in your current career or a new one.

A Message From Vira Chankong

Find the Program That Fits Your Personal and Professional Goals

Over nearly 40 percent of nearly 40 percent of promoted individuals experienced a salary increase of nearly 40 percent.9 This online master's program will prepare you with the fundamental tools and expertise necessary to open up a wide variety of possibilities in your current career or a new one.

Thinking big at Case Western Reserve with Sunniva Collins, Ph.D.

The median annual wage in 2018 was $87,370. This online master's program will prepare you with the fundamental tools and expertise necessary to open up a wide variety of possibilities in your current career or a new one.
Admissions Requirements
- A Bachelor's degree (Bachelor of Science in Engineering equivalent)
- An undergraduate cumulative GPA of 3.0 or better
- A minimum score of 1000 on the SAT or 25 on the ACT
- A minimum score of 100 on the TOEFL or 7.0 on the IELTS
- A minimum score of 220 on the PTE

First Step: Submit the FAFSA
- Federal Student Aid (FAFSA) to determine your aid eligibility
- As a prospective graduate student at Case Western Reserve University, you should file the Free Application for Federal Student Aid (FAFSA) for the academic year in which you will begin graduate study. To facilitate the application process, Case Western Reserve University has a Federal School Code of 002445.

Scholarship Details
Case Western Reserve is proud to offer the following scholarships to qualified applicants:
- The Benefits of Online Learning at CWRU
- Exclusive Scholarship

The Benefits of Online Learning at CWRU
- Save time and commute
- Detailed schedule
- No additional paperwork is required. Visit our website, which is automatically applied to reduce tuition. No additional paperwork is required.
- Exclusive Scholarship
- Case Western Reserve is proud to offer the following scholarships to qualified applicants:

Exclusive Scholarship
- Scholarship for Your Graduate Studies

Ready to take the next step?
- Get started on your application today!
- Use the code "E00680" to get started.