

THE GEORGE
WASHINGTON
UNIVERSITY

WASHINGTON, DC

online.engineering.gwu.edu

MASTER OF SCIENCE

Electrical Engineering



100% LIVE ONLINE

Courses are offered synchronously and asynchronously. Exams are conducted online. Learn on your schedule.

ENHANCE YOUR CAREER

Grow a global network through a top-tier engineering program. Boost your professional potential!

PROGRAM OVERVIEW

The online program develops proficiency in fundamental engineering concepts and advanced skills necessary for designing and executing innovative electrical systems. These experts are involved in designing critical systems, overseeing manufacturing processes, and developing infrastructure. The program emphasizes Electrical Power and Energy.

AFFORDABLE

Tuition is discounted over 40% from on-campus. Plus, any textbook and software you need is included in your tuition.

APPLYING IS EASY

GRE is not required (but can enhance your application) and there are no application fees.

Nationally-ranked program
#11 BY U.S. NEWS



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CURRICULUM

Each of the 10 courses in the program is three credits, totaling the 30 credit hours required for completion. The program's online format offers both synchronous and asynchronous options, lets students take multiple courses in a term if they choose, and allows students to start during any session. This format lets students fit their education to their individual needs. Tuition is \$1,200 per credit hour for the 2024-2025 academic year.

COURSE LIST

- ECE 6010 Linear Systems Theory
- ECE 6015 Stochastic Processes in Engineering
- ECE 6025 Signals and Transforms in Engineering
- ECE 6045 Special Topics: Foundations of EE
- ECE 6070 Electrical Power Systems
- ECE 6610 Electrical Energy Conversion
- ECE 6662 Power Electronics
- ECE 6669 Smart Power Grids
- ECE 6800 Computational Techniques in EE
- EMSE 6820 Program and Project Management

We want to see you
SUCCEED



Our office takes care of your course registration and planning. This is just one example of our commitment to supporting you throughout your program. Questions? Let us know!