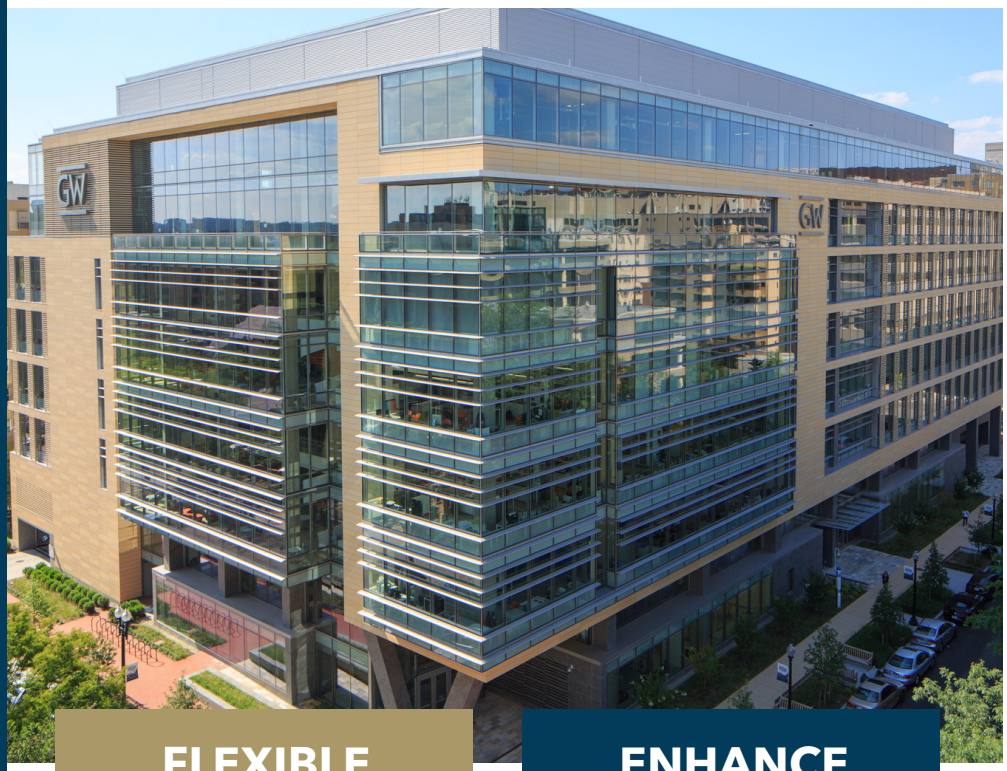
THE GEORGE WASHINGTON UNIVERSITY

WASHINGTON, DC

online.engineering.gwu.edu

MASTER OF SCIENCE

Systems Engineering



PROGRAM OVERVIEW

The online program develops comprehensive technical and leadership skills necessary for the successful design, integration, and lifecycle management of large, complex systems. The STEM-focused curriculum emphasizes systems thinking while also incorporating essential business skills for advancing into senior positions within technical organizations. Students acquire expertise in leading multidisciplinary teams and in designing, implementing, and refining a wide array of systems.

FLEXIBLE LEARNING

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

ENHANCE YOUR CAREER

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

SAVE MONEY

Tuition is signifcantly less than on-campus. Plus, any textbook and software you need is included in your tuition.

APPLYING IS EASY

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

Nationally-ranked program

#11 BY U.S. NEWS

BEST ONLINE PROGRAMS U.S.News GRAD ENGINEERING 2024

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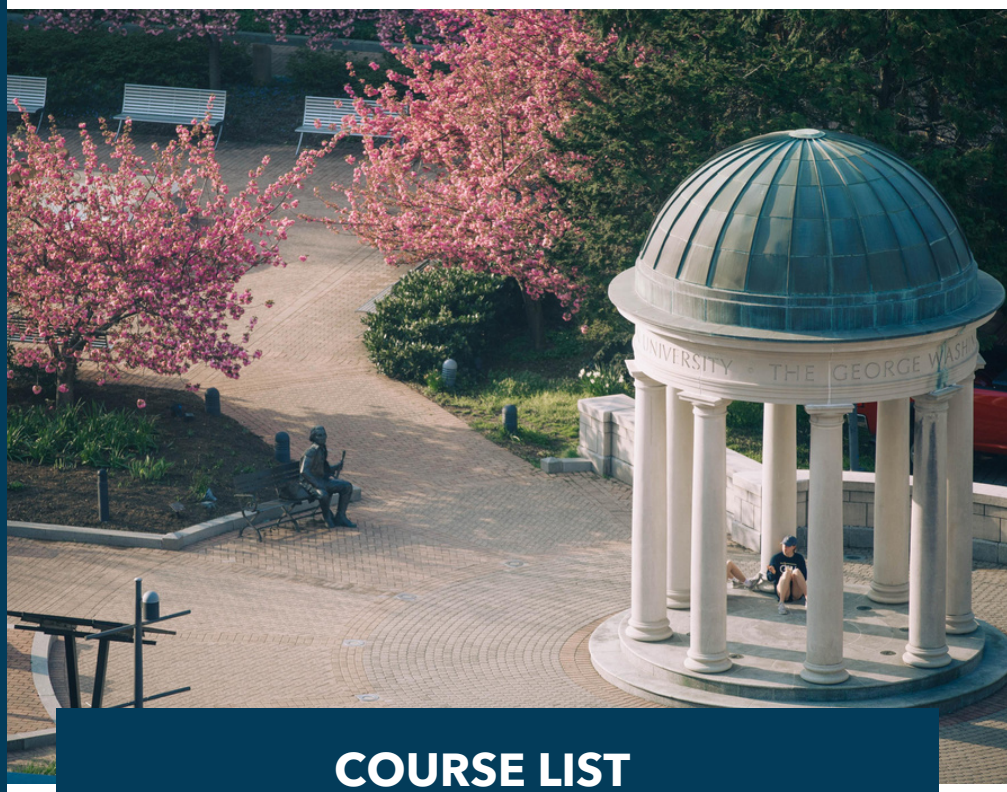

COURSE LIST

- EMSE 6001 Management of Technical Organizations
- EMSE 6020 Decision Making with Uncertainty
- EMSE 6099 Problems in Engineering Management and Systems Engineering Capstone
- EMSE 6410 Survey of Finance and Eng. Economics
- EMSE 6801 Systems Engineering I
- EMSE 6805 Systems Engineering II
- EMSE 6810 Systems Analysis and Management
- EMSE 6815 Requirements Engineering
- EMSE 6817 Model-Based Systems Engineering
- EMSE 6820 Program and Project Management
- EMSE 6825 Project Cost and Quality Management
- EMSE 6840 Applied Enterprise Systems Engineering

CURRICULUM

Each of the 12 courses in the program is three credits, totaling the 36 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 $1,150 per credit hour for 2023-2024.

We want to see you **SUCCEED**

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

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