THE GEORGE WASHINGTON UNIVERSITY
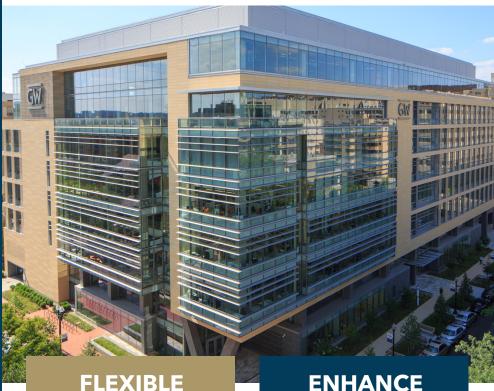
WASHINGTON, DC

MASTER OF ENGINEERING

Cybersecurity Analytics

PROGRAM OVERVIEW

Welcoming both qualified newcomers and seasoned professionals, this STEM-based online program provides hands-on training in employing cybersecurity and analytical tools to detect and counteract a wide range of cyber threats. Students will learn to tackle current cybersecurity challenges and defend against new types of attacks that have not yet been encountered, ensuring they are at the forefront of the field in protecting against critical incidents.

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 significantly 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

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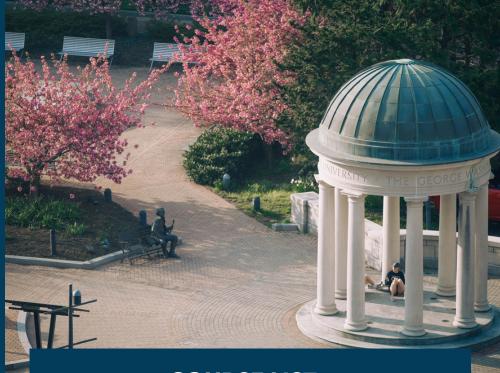
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CURRICULUM

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 $1,195 per credit hour for 2023-2024.

COURSE LIST

- CSCI 6016 Applied Network Defense
- ECE 6132 Secure Cloud Computing
- EMSE 6540 Management of Info. and Systems Security
- EMSE 6543 Managing the Protection of Information Assets and Systems
- EMSE 6544 Auditing, Monitoring and Intrusion Detection for Information Security Managers
- EMSE 6560 Open-Source Intelligence Analysis
- EMSE 6767 Applied Data Analytics
- EMSE 6769 Applied Machine Learning for Engineers
- SEAS 6410 Security Data Visualization
- SEAS 6414 Python Applications in Cybersecurity Analytics

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!