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.

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

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

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

online.engineering.gwu.edu  onlineengineer@gwu.edu  833-330-1454
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 commitment to supporting you throughout your program. Questions? Let us know!

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