MASTER OF ENGINEERING IN THE FIELD OF CYBERSECURITY ANALYTICS (STEM, ONLINE)

The online master of engineering (MEng) in the field of cybersecurity analytics is an interdisciplinary program that draws courses from departments across SEAS: computer science, electrical and computer engineering, and engineering management and systems engineering. The purpose of the MEng in cybersecurity analytics is to address technical challenges in the rapidly changing field of cybersecurity. In this program, students will explore topics related to protecting critical infrastructure including secure systems and hardware design, cyber resilience, intrusion detection, and defensive cybersecurity operations. The program is designed for students with a technical background but is accessible to those with relevant nontechnical degrees as well.

This is a STEM designated program.

- Visit the program website (https://online.engineering.gwu.edu/online-master-engineering-cybersecurity-analytics/) for additional information
- Download a free brochure (https://online.engineering.gwu.edu/sites/g/files/zaxdzs5816/files/2024-03/me.cyberanalytics.2024.pdf)
- Begin your application (https://online.engineering.gwu.edu/apply/)

ADMISSIONS

Admission deadline: Admission offered on a rolling basis for Fall, Spring, and Summer terms.

Prior academic records: Transcripts are required from all colleges and universities attended, whether or not credit was earned, the program was completed, or the credit appears as transfer credit on another transcript. Unofficial transcripts from all colleges and universities attended should be uploaded to your online application. Official transcripts are required only of applicants who are offered admission.

Students with degrees from non-US universities should submit certified course-by-course and degree evaluations of their transcripts. For a list of accredited evaluation agencies, please click here (http://www.naces.org/members/). These agencies can translate and evaluate your transcripts by determining the equivalent course, grade, and degree in the United States.

Statement of purpose: In no more than 250 words, describe how the Cybersecurity Analytics program fits into your professional life and career objectives.

International applicants only: Please review International Applicant Information (http://graduate.admissions.gwu.edu/international-applicants/) carefully for details on required documents and English language requirements.

For more information on the admission process, please visit: the online program admissions web site (https://onlinecybersecurity.seas.gwu.edu/me-cybersecurity-analytics/admissions/).

Contact for questions:
applyonline@gwu.edu - 1-833-330-1454 / Ext. 1 (phone) - 1-949-524-8638 (fax)
11:00am-7:30 pm, Monday through Friday

REQUIREMENTS

The following requirements must be fulfilled: 30 credits in required courses.

Code	Title	Credits
Required		
CSCI 6016	Applied Network Defense (Prerequisite: SEAS 6014)	
ECE 6132	Secure Cloud Computing	
EMSE 6540	Management of Information and Systems Security	
EMSE 6543	Managing the Protection of Information Assets and Systems	
EMSE 6544	Auditing, Monitoring, and Intrusion Detection for Information Security Managers (Prerequisite: EMSE 6540)	
EMSE 6560	Open-source Intelligence Analysis	
EMSE 6767	Applied Data Analytics	
EMSE 6769	Applied Machine Learning for Engineers	
SEAS 6410	Security Data Visualization (Prerequisite: EMSE 6767)	
SEAS 6800	Special Topics	