This online program prepares professionals to lead cyber practices that anticipate dangers and proactively manage risks. Using technical knowledge and project management skills, Cybersecurity Analysts assess, plan, and enact security measures to help protect an organization’s computer networks and proprietary information. They may work in a variety of industries including financial services, retailers, government agencies, military, and nonprofits.

**Key Skills & Sample Jobs**
- Utilize analytics modeling to forecast cyberattacks and analyze cyber incidents
- Formulate policies and procedures to safeguard data relevant applicable laws
- Knowledgeable of latest threats and staying up-to-date industry trends

**Sample Job Titles:** Computer Security Specialist, Cybersecurity Manager, IT Security Consultant, Threat Intelligence Analyst

**Engineering Management & Systems Department**
- 12 full-time faculty
- $1.1 million annual research expenditures
- Recognized by the NSA and DHS as a National Center of Academic Excellence in Cyber Defense Research (CAE-R)

**Department Enrollment**
- 94 undergraduate
- 402 graduate

**Research Areas**
- Engineering and Technology Management
- Systems Engineering
- Environmental and Energy Management
- Information Assurance
- Crisis, Emergency and Risk Management
- Operations Research
- Economics, Finance and Cost Engineering
- Knowledge and Information Management

**2018 Career Outcomes**
- 92% of SEAS students were satisfied with the career programs and services
- 80% of cybersecurity graduates were employed within 6 months
- 44% of SEAS graduate students earn a salary of $100,000 or more

**Employers Who Have Hired GW Students**
- Booz Allen Hamilton
- Deloitte
- MITRE Corporation
- Northrup Grumman
- U.S. Coast Guard
- U.S. Dept. of Homeland Security
- U.S. Navy

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