

CYBERSECURITY

GROWING DEMAND FOR CRITICAL SKILLS

WHAT DO INFORMATION SYSTEMS ANALYSTS DO?

PROBLEM SOLVE • ANALYZE • DESIGN • IMPLEMENT

Information security analysts are involved in various aspects of organizational security required to protect computer networks and systems. The job duties of an information security analyst include evaluating, planning, and implementing security strategies to ensure the security posture of an organization is addressing continuously evolving security threats.

200,000+ JOBS

RELATED TO INFORMATION SYSTEMS SECURITY IN 2021

\$96,000 MEDIAN SALARY

FOR INFORMATION SYSTEMS ANALYST ROLES

31% JOB GROWTH

THROUGH 2029 FOR INFORMATION SYSTEMS ANALYSTS

SKILLS GAP

With more than 60,000 average monthly job postings for Information Security Analysts over the past several years and only 7,188 average monthly hires, a skills gap persists in the industry, with many open positions in the field.

NEED FOR CERTIFICATION

The vast majority of job postings in the information security field require applicants to be Certified Information Systems Security Professional (CISSP).

GRADUATE PROGRAM OPTIONS

AT THE UNIVERSITY OF DENVER'S UNIVERSITY COLLEGE

Pursue a graduate certificate or degree in Information Systems Security and gain hands-on experience analyzing security needs and providing effective solution (curriculum aligns with the Common Body of Knowledge for CISSP certification). Or, be prepared to take on a leadership role that handles cybersecurity needs with a certificate or master's degree in Cybersecurity Management. No GRE required. Online or evenings.



JOB TITLES

- Computer Security Specialist
- Information Systems Security Officer
- Security Engineer
- Security Analyst
- Network Security Analyst
- Information Security Analyst
- Security Specialist
- Network Security Engineer
- IT Security Analyst