About the program
The Cybersecurity Analytics and Operations major will help students to ensure the safety of critical information and assets. Students will master the technical skills, risk management strategies, and analytical methods used to safeguard data and systems, while analyzing security and communicating cyberthreat and vulnerability issues to top-level decision-makers. The major explores the essential concepts and analytical fundamentals of cybersecurity, while providing an in-depth and domain-independent approach to the development of cyber skills.

Characteristics of successful Cybersecurity Analytics and Operations students
Adaptable • Analytical • Collaborative • Detail-oriented • Organized • Problem solvers • Strong communicators

Entrance to major requirements
Students typically choose their major by the end of their second year. To enter this major, students must:

» meet a minimum cumulative GPA,
» fall within a specific credit window, and
» complete required courses.

IST academic advisers collaborate with enrolled students to help them understand and meet the entrance to major requirements and stay on track for graduation.

For more information about entrance to major requirements and to review a recommended academic plan, visit ist.psu.edu/etm.

Protecting what matters

Leaders at all levels of government and corporations are raising cybersecurity concerns across the globe, highlighting the growing need for professionals with the skills to protect against threats to digital information and assets. In fact, there are more positions open in the field of cybersecurity than there are qualified candidates to take them. The Cybersecurity Analytics and Operations degree program will prepare students to meet this need.

Graduates earning this degree will have the technical expertise to analyze security issues and the communication skills to disseminate their knowledge to a variety of audiences. They will be uniquely prepared to lead in protecting the information, computers, and networks upon which so many people, organizations, and countries depend on for their daily activities.
Our graduates are in high demand.

Graduates from the College of IST have technical expertise and business savvy, giving them the versatility employers want.

Their unique skills add value to every field as the need for professionals who can bring IT knowledge to businesses and organizations grows.

And through the college’s required internship program, IST students gain valuable real-world experience that helps them earn an average starting salary of $68,000.

Pursue meaningful and diverse careers.

With two annual career fairs and more than 300 companies actively recruiting College of IST students, graduates are prepared for careers like:

» Cybersecurity Analyst
» Cyberthreat Advisor
» Digital Network Exploitation Analyst
» Forensics Analyst
» Incident Responder
» Infrastructure Analyst
» Penetration Tester
» Security Engineer

“Some students are on the cutting edge”

» Brant Goings, Class of 2020

Learn more at ist.psu.edu/DiscoverCyber