As the complexity of enterprise systems and IT infrastructure continues to grow, there is demand for cybersecurity specialists. These information security practitioners are trained to protect vital computer networks and electronic infrastructures from attack.

At Saint Leo University, our Master of Science (MS) in Cybersecurity is a 36-credit hour program that enables you to become proficient in a variety of emerging technologies including computer and network security, digital forensics, cryptography, web security, biometrics, software security, mobile security, and cloud computing security.

The National Security Agency and the Department of Homeland Security have designated Saint Leo University as a National Center of Academic Excellence in Cyber Defense Education (CAE-CDE) through 2021.
The blended program is offered on alternating weekends. You have two options from which to choose:

- **Traditional program**: This program is designed to be completed in two years (six consecutive semesters) and involves taking on-ground classes via a cohort system in which a new cohort is admitted every fall semester.

- **Online program**: This course sequence accommodates students entering the online program in different terms and students can take two of the four courses offered in a term, based on the prerequisites completed.

**LEARNING OUTCOMES**

In the MS in Cybersecurity classes, students are given the tools necessary to develop core competencies in operating systems and networks. Focus is placed on the technical aspects of information security, as well as various ways to provide secure information processing systems by utilizing operating systems security. Other topics covered include: distributed secure system architectures, database security, software applications security, security policies, applications security, network and distributed systems security, cryptography, and security protocols.

The curriculum for the MS Cybersecurity degree is aligned with the core curriculum for graduate information assurance degrees set forth by the National Security Agency (NSA). It is also designed to align with the units covered in many industry-recognized professional certifications in information security such as Security+, CISSP, SSCP, CSSLP, and CISM.

**COURSES**

Some of the classes our cybersecurity program students enjoy most include:

- Cybersecurity Compliance and Legal Issues
- Secure Software Design
- Cybersecurity Risk Management
- Advanced Penetration Testing
- Strategic Planning for Cybersecurity

**ADMISSION TO PROGRAM**

- Bachelor’s degree
- Professional goal statement
- Letters of recommendation
- Qualifying GPA
- Current resume
Students educated in the technical aspects of cybersecurity systems are prepared to assume responsibility for management, operation and oversight of systems and are actively recruited by federal, state and local governments, private sector and academia.
Saint Leo University has a strong commitment to principles of equal employment opportunity and equal access to education. Saint Leo University does not discriminate on the basis of age, color, disability, ethnic origin, genetic information, gender, nationality, race, religion, veteran status or any other category protected by federal, state, or local law in its educational programs, admissions policies, financial aid, employment or other school administered programs.

The policy is enforced by Saint Leo University and by applicable laws such as Title IX of the Education Amendments of 1972, Title VI and Title IX of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Americans with Disabilities Act, Age Discrimination Act of 1975, and Florida Civil Rights Act of 1992.

Certified by SCHEV.

Saint Leo University is a nonprofit higher education institution founded in 1889.