

# INFORMATION SECURITY AND INTELLIGENCE:

## The Future of Cybersecurity and Digital Forensics

### INFORMATION SECURITY AND INTELLIGENCE

Information Security and Intelligence (ISI) students focus on cybersecurity, information assurance, compliance and auditing, business intelligence, incident response, and project management. Graduates of the Bachelor of Science and Master of Science programs are in high demand in the public and private sectors to become cybersecurity professionals, data analysts, digital forensic investigators, FBI special agents, risk analysts, penetration testers, and more.

The mission of the Ferris State University Information Security and Intelligence program is to provide students with the knowledge, skills, and resilience to identify, protect and defend information systems, intelligence, technology, individuals, and infrastructures from cyberattacks, cybercrime, and data security risks professionally and ethically.

ISI graduates are critical to the nation's security, both from domestic and foreign threats to safety and to protect the businesses and corporations that build and sustain our economy. Ferris ISI is designated as a National Security Agency Center of Academic Excellence in Cyber Defense. Ferris was the first University in the United States to be designated as a Department of Defense/Air Force Cyber Command Center of Digital Forensic Academic Excellence. The Bachelor of Science in ISI is the only cybersecurity program in Michigan

that is ABET-accredited in cybersecurity and is currently the only Cyber Security program in the United States that is ABET-accredited to be delivered 100% online.

### INFORMATION SECURITY AND INTELLIGENCE IN THE CENTER FOR VIRTUAL LEARNING

The Center for Virtual Learning will host the Information Security and Intelligence Program on two floors. The second floor will include secured evidence rooms, examination rooms, faculty offices, presentation rooms and Faraday rooms.

Faraday rooms are secured from network and radio transmission, which is necessary when performing examination and experiments on things such as cell phones, mobile devices and malware analysis. This will be the only Faraday room in the state of Michigan.

On the first floor, adjacent to the State of Michigan's first purpose-built eSports Arena on a University campus, the Center For Virtual Learning will host competitions in a new FSU Cyber Competition Center. These highly successful events attract the best and brightest minds with puzzles ranging from social media and dark web investigations of criminal activity to artificial intelligence interventions and augmented reality experiences.

# INFORMATION SECURITY AND INTELLIGENCE: Fast Facts

- ▶ CYBER SECURITY AND DATA ANALYTICS ARE FREQUENTLY CITED AMONG THE **FASTEST GROWING CAREER FIELDS IN THE U.S.**
- ▶ **ISI** IS ANNUALLY RANKED AMONG **THE TOP 25 PROGRAMS IN THE NATION** IN PREPARING CYBER SECURITY AND DATA ANALYTICS PROFESSIONALS TO FILL CRITICAL GOVERNMENTAL AND INDUSTRY ROLES.
- ▶ **ISI** GRADUATES DO MORE THAN PROTECT AGAINST THREATS, THEY FACILITATE VAST EXPANSION AND GROWTH BY BRINGING THE TALENT AND SKILL SETS COMPANIES NEED TO **DEPLOY NEW IN-DEMAND TECHNOLOGIES**, INCLUDING CLOUD BASED INFRASTRUCTURE SYSTEMS, SECURELY.
- ▶ **98.4% OF ISI GRADUATES** SURVEYED OVER THE PAST THREE YEARS HAVE INDICATED THAT THEY WOULD CHOOSE THE **ISI** PROGRAM IF THEY HAD IT TO DO OVER AGAIN.
- ▶ SINCE ITS LAUNCH IN 2007, **ISI** UNDERGRADUATE **ENROLLMENT HAS INCREASED BY 1500%**.
- ▶ **STARTING SALARIES FOR ISI GRADUATES** ARE APPROXIMATELY \$55,000 IN MICHIGAN AND \$65,000 REGIONALLY.

