

Information Security & Intelligence, 5 year BS and MS

Program Requirements

Information Security & Intelligence, BS Program Checksheet

Includes:

- Major Courses, General Education Courses, and Minor Courses
- Admission and Transfer Requirements
- Graduation Requirements

Program Requirements

Information Security & Intelligence, MS Program Checksheet

Includes:

- Major Courses
- Admission and Transfer Requirements
- Graduation Requirements

Why Choose the 5-Year Bachelor and Master of Science in Information Security and Intelligence?

This unique dual enrollment opportunity allows students to begin graduate studies once they have acquired senior status in the ISIN Bachelor program. MISI 629 can be used for ISIN 429 and PROJ 640 can be used for PROJ 320. Alternately, one MISI course can be used as an undergraduate directed elective. As a result, two courses can be used toward both degrees.

Application and acceptance to the MS-ISI program is required prior to enrolling in graduate level courses and full admission to the MS-ISI program will begin the semester after completion of the Bachelor of Science in Information Security and Intelligence degree.

MS-ISI courses are offered fully online and face-to-face for flexible scheduling to serve full-time, part-time, and accelerated students as well as working professionals, and military students and international students who require 70% of their coursework in-seat.

The MS-ISI consists of eight core courses, including an integrated capstone project, and an Advanced Studies Certificate that focuses on the student's concentration of choice: Business Intelligence, Incident Response (computer security), or Project Management. The MS-ISI can be completed **100% online**.

There are several things that distinguish our Information Security and Intelligence programs in the top 10 of the nation and the premier programs for cyber security:

We have achieved the following much sought after designations:

- **National Center of Academic Excellence in Information Assurance Education** as designated by the *U.S. Department of Homeland Security (DHS)* and the *National Security Agency (NSA)*.
- **National Center of Academic Excellence in Cyber Defense Education** as designated by the *U.S. Department of Homeland Security (DHS)* and the *National Security Agency (NSA)*
- **National Center of Digital Forensics Academic Excellence** as designated by the *Department of Defense Cyber Crime Center (DC3)* and the *DC3 Academic Cyber Curriculum Alliance (DACCA)*.
- **ABET Accreditation** by the Computing Accreditation Commission (CAC) of the Accreditation Board for Engineering and Technology, Inc. (ABET)
- Accredited Amazon Web Services (AWS) Academy for Cloud Computing Architecture
- Cellebrite Forensic Academic Partner
- EC-Council Accredited Training Center
- Palo Alto Networks Academy Partner
- CompTIA Academy Partner
- Pearson Vue Testing Center

Other achievements that distinguish the Ferris ISI programs in the nation's top 10:

- Michigan's most advanced digital forensic research lab equipped with Axiom, EnCase, FTK, Forensic Explorer, Cellebrite, XRY, Passware Decryption Suite, Maltego, Shadow Dragon Social Net, i2, Stereo and Digital Laser microscopes, network segmentation, Steel Central, Burp Suite, and Palo Alto.
- Funded research grants from the National Security Agency, National Science Foundation and various other foundations.
- Consistently ranked by US News and World Reports as one of the top online non-MBA business programs in the United States.
- Extensive publication record consisting of multiple journals, books and periodicals. Some of this work has been cited in the United States Supreme Court such as in the landmark case Riley v. California.
- Students compete in various cyber security competitions and frequently finish in the top 10% nationally
- As an NSA Center of Excellence, our students are eligible for NSA NIETP scholarships and DOD CySP scholarships.
- Active student organizations including the Information Security & Intelligence Association and Women in Cybersecurity.
- Multiple faculty have been certified as an expert witness in various courts.
- Faculty that have the following certifications: CISSP, E|CSA, GIAC GSSP-.NET, GIAC GC|IH, C|ND, CPTE, CLFE, CAN, C|SCU, PMP, EnCE, ACE, CEH, CAPM, Scrum Master.
- Faculty that average over 15 years of work experience ranging from leadership positions in multibillion dollar corporations to law enforcement and licensed professional

investigator.

- Faculty that include a Distinguished Professor, Fulbright Scholar, and International Educator of the year.
- Faculty that have taught on 4 continents that includes teaching digital forensics to the entire federal cybercrime units in Chile and Perú
- A student body that includes graduates from over 50 countries.
- Alumni that have distinguished themselves as leaders at dozens of organizations worldwide.
- Host site of Michigan's Cyber Range. Host of cyber competitions and various summer camps and workshops.

Invest in Your Future

The BS in Information Security & Intelligence degree prepares students for a variety of career opportunities in fields such as Computer Forensics, Information Security, Intelligence/Big Data, Incident Response, and Mobile Security. Opportunities exist in the government, security, intelligence, health care, insurance, finance, and education fields.

The MS in Information Security & Intelligence (MS-ISI) program further develops students for careers in Business Intelligence, Incident Response (proactive and reactive in areas such as hacking and digital forensics), and Project Management utilizing secure practices. Positions include security officers, analysts, forensics experts, project managers, and technical managers.

More Information

College of Business - Graduate Programs

119 South Street, BUS 212B

Big Rapids, MI 49307

Phone: 231-591-2168

E-mail: ShannonYost@ferris.edu

Web: <http://ferris.edu/misi/>