

## Information Security and Intelligence

Official Program Checksheet

### Why Choose Information Security & Intelligence?

- There are several things that distinguish the ISI programs as one of the top 25 in the nation and the premier cyber security program in Michigan:
  - The *National Security Agency* and the *Department of Homeland Security* have designated Ferris State University as a **National Center of Academic Excellence in Cyber Defense Education**.
  - The *Department of Defense Cyber Crime Center (DC3)* and the *Air Force Office of Special Investigations* has named Ferris State University as the first university in the United States to obtain designation as a **National Center of Digital Forensics Academic Excellence**.
  - Michigan's most advanced digital forensic research lab equipped with EnCase, FTK, Nuix, 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 Academic Partner.
  - Funded research grants from the National Science Foundation and various other foundations.
  - 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.
  - 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 GCIH, 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 for dozens of organizations worldwide.
- Host site of Michigan's Cyber Range.
- Host of various summer camps and workshops.

## **Career Opportunities**

The Information Security & Intelligence degree prepares you for a variety of career possibilities in fields that allow you to see your contribution in action. Computer Forensics, Information Security, Intelligence/Big Data, Incident Response, and Mobile Security are a few of the possibilities. Opportunities exist in the government, security, intelligence, health care, insurance, finance, and education fields.

## **Admission Requirements**

### **ISIN Admissions Requirements for College of Business 2017-18 Check Sheets and Catalog**

#### **New Students SAT Scores**

- 3.0 High School GPA (on a 4.0 scale)
- SAT Math Score of 550 or higher
- Submit a 750 to 1,000 word essay to the Admissions Office that addresses the following: Who they are and why they desire admission to the ISI program, description of a personal quality, talent, accomplishment, contribution, or experience, and a description of someone that influenced them and why.

#### **New Students ACT Scores**

- 3.0 High School GPA (on a 4.0 scale)
- ACT Math Score of 22 or higher
- Submit a 750 to 1,000 word essay to the Admissions Office that addresses the following: Who they are and why they desire admission to the ISI program, description of a personal quality, talent, accomplishment, contribution, or experience, and a description of someone that influenced them and why.

#### **Transfer Students**

- Combined college or university GPA of 3.0 (on a 4.0 scale) from all institutions attended.

GPA based on completion of 24 credit hours or more. Developmental courses will not be considered in computing the GPA requirement.

- Completion of the transfer equivalency for FSU's MATH 114/115 with a grade of "C" or higher (this does not include FSU's equivalent of MATH 117) or a ACT Math score of 22 or higher or SAT Math score of 550 or higher.
- Submit a 750 to 1,000 word essay to the Admissions Office that addresses the following: Who they are and why they desire admission to the ISI program, description of a personal quality, talent, accomplishment, contribution, or experience, and a description of someone that influenced them and why.

More Information:

Additional guidance can be found on the College of Business web page under the Admissions tab.

## **General Education Requirements**

All University General Education requirements can be found here: <http://www.ferris.edu/HTMLS/academics/general-education/requirements/BA-BS.htm>

Please consult this link for a complete listing of General Education Electives: <http://www.ferris.edu/HTMLS/academics/general-education/courses/index.htm>

Consult the official checksheet or program advisor for program specific General Education requirements.

## **Graduation Requirements**

The Bachelor of Science in Information Security & Intelligence is awarded to those individuals who have completed the 120 required credit hours with a minimum 2.0 GPA in their major classes, concentration classes, and overall.

## **More Information**

Accountancy, Finance & Information Systems  
119 South Street, BUS 212  
Big Rapids, MI 49307-2284  
231-591-2434  
AFIS@ferris.edu