

As the only program of its kind in the country, Ferris' Information Security & Intelligence (ISI) program is at the forefront in its response to the need for skilled workers in Information Security/Data Analysis/Digital Forensics. Developed with input from the U.S. Department of Homeland Security, the Pentagon, and investigative agencies; providing hands-on utilization of state-of-the-art technology, this program, is uniquely positioned to prepare students to address the cyber security issues facing organizations and/or the nation. Completion of the program satisfies the education credential necessary for students to be licensed as Professional Investigators in the State of Michigan, while our computer forensics coursework is accepted as meeting the education requirement to sit for computer forensics examinations. Opportunities exist in government, business, security, intelligence, health care, insurance, education, and several other fields. You will develop skills in a variety of leading edge technologies. The median annual salary ranges between \$41,000 and \$77,000.¹

General Admission Criteria

To be admitted to this program, you must have a high school cumulative GPA of 3.0 and an ACT score of 22 or a 2.0 cumulative GPA as a transfer student. You will need to submit official transcripts from all accredited colleges/universities with your application. Admission to Grand Rapids Community College is also essential since many courses in the degree are completed through GRCC as a dually enrolled student. Financial aid is available when dually enrolled in classes at Ferris State University and GRCC.

Course Requirements

GRAND RAPIDS COMMUNITY COLLEGE

Major Course Requirements

BA 254 Business Statistics, MA 215 Statistics or PY 281 Introduction to Statistics.....	3
BA 256 Principles of Accounting 1.....	3
CO 171 Database Design & Development.....	3
CO 212 Principles of Information Security.....	3
Directed electives (See Advisor).....	10-14

General Education

COM 135 Interpersonal Communications or COM 131 Fundamentals of Public Speaking.....	3
EN 100 College Writing or EN 101 English Composition 1.....	3
EN 102 English Composition 2.....	3
Lab Science.....	4
Science Course.....	3-4
MA 107 Intermediate Algebra.....	3
Cultural Enrichment Electives.....	9
Social Awareness Electives.....	9
Total GRCC Credits.....	59

FERRIS STATE UNIVERSITY

Major Course Requirements

STQM 270 Introduction to Data Mining.....	4
STQM 360 Risk Analysis & Strategy.....	3
PROJ 320 Project Management.....	3
ISIN 200 All Things Digital.....	3
HSCJ 210 Digital Forensics & Incident Response.....	3
HSCJ 317 Fraud Examination.....	3
ISIN 330 Organized Crime, Gang & Terrorist Organizations.....	3
ISIN 429 Legal & Ethical Issues in Information Security.....	3
PREL 240 Public Relations Principles.....	3
GISC 225 Principles of Geographic Information Systems.....	3
ISIN 300 Visual Analysis and Investigations.....	3
ISIN 301 Data Intelligence Competitive Theory.....	3
ISIN 491 Internship.....	3
ISIN 499 Capstone Experience.....	3

General Education

ENGL 311 Advanced Technical Writing, ENGL 321 Advanced Composition or ENGL 325 Advanced Business Writing.....	3
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FERRIS STATE UNIVERSITY

Choose one of the following concentrations:

Option 1: Digital Forensics

GRCC Courses:

CO 117 Java Programming.....	3
CO 231 Wide Area Networking (WAN) Theory.....	3
CO 232 UNIX/ LINUX Systems Administration.....	3

Ferris Courses:

HSCJ 315 Advanced Digital Forensics & Response.....	3
ISYS 371 Advanced Database Design & Implementation.....	3

Option 2: National Security

GRCC Courses:

Second year competence in a foreign language.....	3
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Ferris Courses:

ISIN 350 Organizational Planning & Security Measures.....	3
Directed elective in security.....	3

Option 3: GIS and Data Mining

Ferris Courses:

STQM 342 Data Mining Tools.....	3
STQM 380 Data Mining Processes.....	3
GISC 282 Geographic Information Systems 2.....	3
GISC 382 Geo. Info. Sys. Data Analysis & Specialization.....	3
Total Ferris Credits.....	82

Total credits required for graduation.....120

For More Information

Prior to applying, set up an appointment with an advisor to answer any questions in regard to the program. Once admitted, set up an appointment to discuss course schedule and continue to meet as you work towards graduation.

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[1] Source: Bureau of Labor Statistics, U.S. Department of Labor