What's Important to You?
Career Advancement
Respect at Work
Job Security
Higher Income
More Interesting Work
A Challenging Environment
A Management Position

A Graduate Degree From Missouri Western Does That For You!

In Information Technology Assurance Administration

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816-271-4394
graduate@missouriwestern.edu
WWW.MISSOURIWESTERN.EDU/GRADUATE
Master of Science in Information Technology Assurance Administration

The Master of Science in Information Technology Assurance Administration (ITAA) program provides a broad technical understanding of current and evolving technologies in Information Assurance with an emphasis on applying concepts to business fundamental needs. The information assurance specification provides a thorough knowledge base for managers and technology professionals concerned with the design, development, implementation, operation, and management of secure information systems and with the protection of an organization's information assets. The specialization provides students with a practical understanding of the principles of data protection, network security and computer forensic. The specialization also introduces students to the ethical, legal, and policy issues associated with information security. Laboratory exercises are included in courses to enhance the learning experience.

What is special about ITAA?

A cohort program
Students admitted into ITAA at the same time would complete their program as a unit except their project/thesis and the elective options.

A STEM Major
Our program is filed under a STEM CIP code and therefore falls into the STEM workforce educational paradigm. This allows international students of our program to extend their OPT for an additional 17 months.

Applied Learning
Consistent with our school mission, ITAA emphasizes more on hand-on experiences than just theories. Students will learn practical skills to enhance their knowledge on information security. Our program targets preparing students with necessary knowledge for sitting in relevant security certification exams.

Demand and Careers
This degree will help you move into IT management roles within any organization. Business is experiencing an ever increasing reliance upon information technology in conducting their affairs. The U.S. Bureau of Labor Statistics cites the need for managers of computational information systems to grow at a much faster rate than the average rate for all occupations.

ITAA Curriculum
Core (30 hrs)
- Research Methods (3)
- Applied Cryptography (3)
- Software Implementation and Integration (3)
- Technical Analysis for Decision Making (3)
- Network Information Systems Security (3)
- Advanced Networking and Network Administration (3)

Required Elective Courses (6 hrs)
(Choose one of the following groups: A,B,C,D or E)

Group A:
- Professional and Organizational Communications (3)
- Technical Editing (3) (OR)
- Writing for Management and Supervision (3) (OR)
- Graduate Studies in Technical Communication (3)

Group B:
- Organizational Theory (3)
- ERP Fundamentals (3)

Group C:
- Strategic Marketing (3)
- Managerial Economics (3)

Group D:
- Applied Cognitive Design (3)
- User Centered Design Methods (3)

Group E:
- Intro to Computer Forensics (3)
- Graduate Special Topics: Internet Commerce Fraud and Investigation (3)

Database Management and Security (3)
Applied E-Commerce (3)
Professional Project I (3)
Professional Project II (3)

Apply Online Today!
Missouri Western Is An Equal Opportunity Institution.