

Master of Science in Information Systems Technologies



Expertly Match Information Technology Solutions With Business/Organizational Goals

The M.S. in Information Systems Technologies prepares graduates to manage complex systems and coordinate the relationship between business requirements and technological solutions. With this graduate degree, you will gain and enhance the skills needed to oversee the development and implementation of information systems technology and lead projects from inception to completion.



An Interdisciplinary Program

To blend your advanced study of IT with managerial concepts and skills, this degree program closely aligns with the business curriculum at Wilmington University but maintains a decidedly technological leaning. You'll learn from expert instructors who are engaged practitioners, and a three-credit field experience/internship component puts theory into practice.



Custom Information Technology Concentrations

Personalize your studies to focus on your specific career goals by selecting one of four Information Systems Technologies graduate degree concentrations: Information Assurance, Management and Management Information Systems, Technology Project Management, or Web Design.



Rich Career Opportunities

With a WilmU master's degree in Information Systems Technologies, you will have the educational credentials for success in a rapidly expanding market. Through your coursework, you'll gain knowledge of current informational practices that can be immediately applied in business, education or government organizations of all sizes.



12 courses | 36 total credits

Finish your Information Systems Technologies master's degree in as little as one year.

\$1,653

per course

Cost of a typical 3-credit course.



Classes start every 8 weeks.



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Master of Science in Information Systems Technologies

M.S. IST Core Course Requirements (18 credits)

Concurrently or after completing the selected concentration courses, students will complete core course requirements and the IST 8105 capstone.

Select SIX courses (18 credits) from the following:

- | | |
|---|--|
| <input type="checkbox"/> IST 6090 Special Topics in Information Systems Technologies | <input type="checkbox"/> IST 7060 Project and Change Management |
| <input type="checkbox"/> IST 7000 Data Management | <input type="checkbox"/> IST 7080 Cloud Management |
| <input type="checkbox"/> IST 7020 Analysis, Modeling and Design | <input type="checkbox"/> IST 7100 IT Policy and Strategy |
| <input type="checkbox"/> IST 7040 Data Communications and Networking | <input type="checkbox"/> IST 8101 Field Experience/Internship |

Information Assurance Concentration (15 credits)

Concurrently or after completing the IST core requirements, students will complete the prerequisite course SEC 6010 and three (3) other SEC 6000 series courses from the following list as well as SEC 7050 Information Assurance Integration/Capstone and the IST 8105 Capstone.

- | | |
|--|--|
| <input type="checkbox"/> MAJ 7000 / MHS 7000 Contemporary Issues in Homeland Security | <input type="checkbox"/> SEC 6070 Penetration Testing |
| <input type="checkbox"/> SEC 6010 Planning for Information Security | <input type="checkbox"/> SEC 6080 Industrial Control Systems (ICS) Security |
| <input type="checkbox"/> SEC 6015 Cloud Security Essentials | <input type="checkbox"/> SEC 6082 SCADA Architecture |
| <input type="checkbox"/> SEC 6030 Operating System and Computer Systems Security | <input type="checkbox"/> SEC 6084 SCADA Risk Management and Auditing |
| <input type="checkbox"/> SEC 6040 Web and Data Security | <input type="checkbox"/> SEC 6086 SCADA Security Awareness and Standards |
| <input type="checkbox"/> SEC 6050 Security Data Analytics | <input type="checkbox"/> SEC 6090 Topics in Information Assurance Integration/Capstone Course |
| <input type="checkbox"/> SEC 6060 Incident Handling and Response | <input type="checkbox"/> SEC 7050 Information Assurance Integration/Capstone |

Management and Management Information Systems Concentration (15 Credits)

Concurrently or after completing the IST core requirements, students will complete five (5) courses from the following list and the IST 8105 capstone.

- | | |
|---|---|
| <input type="checkbox"/> MGT 6400 Global Leadership | <input type="checkbox"/> MGT 7508 Change Management |
| <input type="checkbox"/> MGT 7300 Business Finance | <input type="checkbox"/> MGT 7750 Strategy and Decision-Making |
| <input type="checkbox"/> MGT 7504 Ethical Issues in Management | |

After completing six (6) IST core courses and at least three (3) Management and Management Information Systems concentration courses, students will complete the IST8105 Capstone.

Four Specialized Concentrations:

- Information Assurance
- Management and Management Information Systems
- Technology Project Management
- Web Design

- Required for all M.S. IST degrees
- Concentration (Choose one.)

Prerequisite courses not listed here may be required.

Have questions? We're here to help!

Academic Recruiters

 **(302) 213-3916**
 **recruiting@wilmu.edu**

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Master of Science in Information Systems Technologies

Technology Project Management Concentration (15 Credits)

After completing IST 7060 and either concurrently or after completing the IST core requirements, students will complete five (5) courses from the following list and the IST 8105 Capstone.

☐ **IPM 6015** Project Scoping and Scheduling

☐ **IPM 6050** Agile Project Management

☐ **IPM 6030** IT/IS Project Risk Management

☐ **IPM 6060** Technology Project Leadership and Teamwork

☐ **IPM 6040** IT/IS Project Quality Management

☐ **IPM 6090** Special Topics in IT/IS Project Management

Web Design Concentration (15 Credits)

Concurrently or after completing the IST core requirements, students will complete the prerequisite course DSN 6000 and three (3) other DSN 6000 series courses from the following list as well as DSN 7010 Web Design Integration/Capstone and the IST 8105 Capstone.

☐ **DSN 6000** Web Design and Architecture

☐ **DSN 6073** Server-Side Web Development

☐ **DSN 6040** Web Design with JavaScript

☐ **DSN 6080** Internet Development/Design for Competitive Advantage

☐ **DSN 6050** Markup Languages Advanced Authoring

☐ **DSN 6090** Topics in Web Design and Programming

☐ **DSN 6060** Database/Web Design Integration

☐ **DSN 7010** Web Design Integration/Capstone Course

Capstone Course (3 credits)

All students in the M.S. IST Program will complete the IST 8105 Capstone.

☐ **IST 8105** IST Capstone

Four Specialized Concentrations:

- Information Assurance
- Management and Management Information Systems
- Technology Project Management
- Web Design

Required for all M.S. IST degrees

Concentration (Choose one.)

Prerequisite courses not listed here may be required.

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