**B.S. in Information Science and Technology**

A STEM degree combining management and technology to prepare students for high-demand careers in IT, business, and innovation.

**Program Overview**

Graduates gain skills in programming, database management, data science, networks, systems design, and technology management.

IST majors can also earn a business minor without extra coursework.

**Degree Curriculum Highlights**

• IST Core: Programming, databases, data science, networks, systems analysis, cybersecurity, and machine learning.

• Common Core: Business, technology, quantitative skills, and communication.

• Experiential Learning: Hands-on projects and internships to apply classroom knowledge.

• IST Electives: Choose 15 credits (AI, Data Science, ERP, Cybersecurity, UX, etc.).

**Popular Career Paths**

• AI & Machine Learning – Research Scientist, AI Product Manager, Machine Learning Engineer

• Business Analytics – Data Analyst, BI Analyst, Operations Research Analyst

• Computer Infrastructure – Network Admin, Cloud Engineer, Database Admin

• Cybersecurity – Analyst, Security Officer, Pen Tester

• Digital Commerce – E-Commerce Manager, Digital Marketing Specialist

• ERP – ERP Consultant, BI Developer, Enterprise Architect

• Software Systems – Developer, Full Stack Engineer, Application Architect

• Technological Innovation – Innovation Officer, Transformation Consultant

**Salary Outcomes**

• $77,655 – Average starting salary for undergraduates (2024)

• $85,715 – Average starting salary for MS IST graduates (2023)

• $3,584 – Average monthly salary for internships and co-ops (2022)

**Contact Information**

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**Graduation Requirements**

A grade of “C” or better is required in all IST core, electives, and major-required business courses.

General education electives must meet Missouri S&T catalog requirements.