The MSIST offers a distinct blend of practical application and research to teaching, consulting, and other activities. The curriculum has been designed to prepare students for the professional marketplace and to make them more competitive in their current and future positions.

Degree Requirements

- IST 300 - Programming
- IST 301 - Organizations & IS/T
- IST 302 - Database Concepts
- IST 303 - Software Development
- IST 304 - Communications & Networking
- IST 305 - Management & IS/T
- IST 306 - Delivering Business Value through IS&T Leadership
- IST 307 - Research Methods for IS&T
- IST 308 - Practice & Profession of IS Academics
- IST 309 - Qualitative Research
- IST 310 - Advanced Qualitative Research
- IST 311 - Design Research Seminar

Courses

- 18 370 - IS&T Essential Concepts
- 18 371 - Adv. IS&T Behavioral Development
- 18 372 - IS&T Practicum
- 18 373 - Adv. IS&T Software Development Tools
- 18 374 - Adv. IS&T Systems & Networking Tools
- 18 375 - Cryptography & Computer Security
- 18 376 - Social Technologies
- 18 377 - Web Design
- 18 378 - Knowledge Management
- 18 379 - Introduction to Health Informatics
- 18 380 - Project Management
- 18 382 - Statistics for Health Informatics
- 18 383 - IS&T Research Methods
- 18 333 - Knowledge Discovery & Data Mining