Master of Science in Information Technology (MSIT), Effective AY2020-2021

Department of Computer Systems Technology, College of Science and Technology

Graduate Coordinator: Dr. Qing-An Zeng,   **Email:** qzeng@ncat.edu   **Phone:** 336-285-3148

Department Chair: Dr. Qing-An Zeng,   **Email:** qzeng@ncat.edu   **Phone:** 336-285-3148

The Master of Science in Information Technology (MSIT) degree program prepares students to pursue technical, as well as management careers in all employment sectors. The program emphasizes acquisition of sound theoretical concepts with intensive "hands-on" experience in the area of information technology. The courses are taught by faculty with high level expertise gained through their research activity, affiliations with industry and professional experience.

The MSIT offers two options: the thesis option and the coursework option. Each option requires a minimum of 30 semester hours. In addition, students must maintain and complete the MSIT program with an overall GPA of 3.0 or better on a scale of 4.0

MSIT Degree Requirements (Total Credit Hours: 30)

- **Thesis Option** (15 hours of courses and 6 hours of Master thesis)
    - 9 Hours of Program Core Courses: CST 700, 702, 703
    - 15 Hours of Technical Elective Courses (Note: 15 hours of technical electives from CST graduate level courses, or other relevant graduate level courses from other departments/colleges (with approval of the advisor and the Graduate Coordinator)
    - 6 Hours of Thesis Course: CST 797
    - Pass thesis defense and submit the thesis
- **Coursework Option** (30 hours of courses)
    - 9 Hours of Program Core Courses: CST 700, 702, 703
    - 21 Hours of Technical Elective Courses (Note: 21 hours of technical electives from CST graduate level courses, or other relevant graduate level courses from other departments/colleges (with approval of the advisor and the Graduate Coordinator)