

# Master of Science in Computer Science and Information Systems (MSCSIS) Learning Goals

1. Graduates will be able to formulate and solve problems using advanced mathematics and numerical methods, and computer information systems-based techniques.
2. Graduates will demonstrate knowledge of ethics and professionalism, and understand contemporary issues such as green computing, data security, privacy and compliance with regulations.
3. Graduates will be able to complete analysis and design of business processes employing the latest information technology techniques, including the unified process model.
4. Graduates will be able to apply science and business principles to analyze and interpret data, using analytic and computer-based techniques.
5. Graduates will demonstrate effective communication through written and oral presentations.
6. Graduates will be exposed to a variety of advanced technology communications tools, such as Web conferencing, wikis, social networking software.