

Master of Science in Information Technology

Advance your career and obtain a competitive edge in an innovative, high-demand industry



The Master of Science Information Technology (MSIT) degree program provides a holistic perspective to the field of Information Technology to ensure that students develop knowledge about a vast array of technology that drives 21st century business. The curriculum provides an amalgam of technical and management knowledge required to properly implement and manage strategies in IT security to protect technology assets, infrastructure, and data analytics. Current Information Technologist will enhance their technical acumen and learn how to collect, analyze, and interpret business intelligence relevant to their respective fields.

MSIT Program Overview

Required Courses

- MSIT 600 Advanced Information Technology
- MSIT 601 Principles of Data Management
- MSIT 602 Modern Operating Systems
- MSIT 603 Computer Systems Architecture
- MSIT 605 Systems Analysis Design
- MSIT 606 Management of Information Security
- MSIT 607 Advanced Database Design & Management
- MSIT 608 Information Technology Project Management
- MSIT 611 Wireless & Mobile Systems
- MSIT 624 Telecommunications & Networking
- MSIT 690 Big Data Analytics
- MSIT 693 Applied Information Technology Capstone Project

Total 36 credit hours

Key Learning Outcomes

- Create strategic plans that implement IT requirement
- Evaluate computer systems & improve the overall effectiveness
- Analyze & construct database management systems
- Compare & contrast various computer system methodologies
- Able to conduct in-depth research, independently

Career Opportunities

- Computer Systems Analyst
- Senior Systems Engineer
- Database Manager
- Business Intelligence Analyst
- Information Technology Manager
- Computer Systems Engineer
- Technology Manufacturing Manager
- Chief Information Officer

Why Westcliff University for MSIT?



Regional
Accreditation



Candidate for
Global Accreditation



Affordable
Tuition



No
GMAT/GRE



Online &
On-Campus Classes



10:1
Student:Faculty



Flexible
Schedule



Dedicated Career
Services Team