

INFORMATION TECHNOLOGY, MASTER OF SCIENCE

Dr. Jerry Wood, Program Director
 Corley Building, 246
 (479) 356-2066
 jwood@atu.edu

Curriculum Degree Requirements

Code	Title	Hours
MSIT Core Requirements		
INFT 5203	Database Systems	3
INFT 5413	Computer Systems and Architecture	3
INFT 5703	Principles of Networking	3
MSIT Elective Requirements		
Select a maximum of two elective courses (six credit hours) at the 5000 level from the following:		6
INFT 5103	Python Programming	
INFT 5303	Developing and Administering Web Sites	
INFT 5403	Introduction to Information Technology and Systems	
INFT 5503	The UNIX Operating System	
INFT 5603	Principles of Data Science	
INFT 5803	Principles of Cybersecurity	
INFT 5983	Special Topics	
Select a minimum of three elective courses (9 credit hours) at the 6000 level from the following:		9
INFT 6103	Advanced Python Programming	
INFT 6203	Database Development and Administration	
INFT 6303	Design of Web-Based Information Systems	
INFT 6403	Information Security Systems Analysis and Design	
INFT 6603	Advanced Data Science and Machine Learning	
INFT 6703	Advanced Networks	
INFT 6803	Advanced Cybersecurity	
INFT 6903	Emerging Trends (Topic varies so may be repeated for credit)	
Options		
Select one of the following options:		6
Option I (Internship):		
INFT 6993	Internship (3-6 hours)	
Option II (Thesis):		
INFT 6973 & INFT 6983	Thesis Research in Information Technology I and Thesis Research in Information Technology II	
Total Hours		30

- The completion of 30 hours of graduate work of which at least 15 credit hours must be at the 6000 level where the student meets the below requirements: