MIDDLE GEORGIA STATE UNIVERSITY
MASTER OF SCIENCE IN INFORMATION TECHNOLOGY
Audit Worksheet 2019-2020 Catalog

Name: ID:

Concentration: Cyber Sec & Forensics   Health Informatics   Software Development

Critical Infrastructure Mgmt   Social Media   Data Analytics

GRADUATE CORE REQUIREMENTS		
Graduate Core		**15 HOURS**
ITEC 5100 Current and Emerging Issues in IT		
ITEC 5110 IT Leadership and Strategic Planning		
ITEC 5120 IT Project Management		
ITEC 5140 Research Methods in IT		
ITEC 6900 Graduate Capstone		
GRADUATE CONCENTRATION REQUIREMENTS		
Graduate Concentration		**15 HOURS**

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Dr. Neil Rigole, Coordinator of IT Graduate Program

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Cyber Security & Forensics
ITEC 6200: Cyber Forensics
ITEC 6210: Network & Cyber Security
ITEC 6220: Ethical Hacking
ITEC 6240: Security Policy, Ethics, & Legal Environment
ITEC 6250: Disaster Recovery, Planning, & Response

Critical Infrastructure Management
ITEC 6240: Security Policy, Ethics, & Legal Environment
ITEC 6250: Disaster Recovery, Planning, and Response
ITEC 6500: Concepts in Homeland Security
ITEC 6510: Critical Infrastructure Security
ITEC 6520: Industrial Control Systems

Software Development
ITEC 6400: Advance Programming & Data Structures
ITEC 6410: Object Oriented Analysis & Design
ITEC 6420: Distributed Enterprise Software
ITEC 6430: Software Testing and Quality Assurance
ITEC 6450: Mobile Computing Systems & Applications

Health Informatics
ITEC 6240: Security Policy, Ethics, & Legal Environment
ITEC 6250: Disaster Recovery, Planning, & Response
ITEC 6300: Advanced Health Information Technology
ITEC 6320: Advanced Electronic Health Records
ITEC 6340: Public Health Informatics

Data Analytics
ITEC 6700: Introduction to Data Science
ITEC 6710: Statistical Data Analysis
ITEC 6720: Programming for Data Science
ITEC 6730: Decision & Predictive Analytics
ITEC 6740: Machine Learning

Social Media
ITEC 5300: Web Development
ITEC 6600: Social Media Concepts & Issues
COMM 6610: Social Media Communication & Advertising
ITEC 6620: Managing Technologies for Social Media
ITEC 6630: Social Media Metrics & Evaluation

Students may also pursue a generalist path by choosing 15 hours from any advisor approved ITEC graduate courses.