



UNIVERSITY OF THE EAST
Graduate School
Manila

Master in Information Technology (MIT)		
Core		
GIT 7101	Parallel and Distributed Computing*	3
GIT 7102	Advanced Database Systems*	3
GIT 7103	Technology and Project Management	3
GIT 7104	Advanced Systems Design and Implementation	3
		12
Major		
GIT 7105	Network Security*	3
GIT 7106	Advanced Data Mining*	3
GIT 7107	Business Intelligence	3
GIT 7108	Special Topics in Emerging IT	3
		12
Elective for Technology Management		
GIT 7109	Organizational Change and Development	3
GIT 7200	Enterprise Architectures	3
GIT 7201	IT Service Management	3
GIT 7202	Managing Technology Development	3
		6
Elective for Security Management		
GIT 7203	Cryptography	3
GIT 7204	Intrusion Detection	3
GIT 7205	Information Security and Assurance	3
GIT 7206	Information Security-Risk Management	3
		6
GRR 7700	Comprehensive Examination	-
GIT 7908	Capstone Project 1 – Project Proposal	3
GIT 7909	Capstone Project 2 – Project Implementation	3
		6
Total		36

* CHED Acknowledgement Receipt 2017-2018

*** All students are required at least one (1) publication in refereed journal or juried creative work. (Students enrolled in 2nd Sem AY 2021-2022)

MASTER IN INFORMATION TECHNOLOGY (MIT)

1. GIT 7101 – PARALLEL AND DISTRIBUTED COMPUTING

Hardware and software in modern operating systems, distributed and networked operating systems, and real time operating systems. (3 units)

2. GIT 7102 – ADVANCED DATABASE SYSTEMS

Modern database and information systems and research issues in IT (3 units)

3. GIT 7103 – TECHNOLOGY AND PROJECT MANAGEMENT

Fundamental project management principles and methodologies for software development life cycle and process models (3 units)

4. GIT 7104 – ADVANCED SYSTEMS DESIGN AND IMPLEMENTATION

Design and development of enterprise-scale information system solutions, contemporary methods and effective organizational and global project management practices (3 units)

5. GIT 7105 – NETWORK SECURITY

Designing tight information security environment and IT infrastructure (3 units)

6. GIT 7106 – ADVANCED DATA MINING

Data mining for business and data analytics (3 units)

7. GIT 7107 – BUSINESS INTELLIGENCE

Theories and methodologies for handling large amount of data and information (3 units)

8. GIT 7108 – SPECIAL TOPICS IN EMERGING IT

Credit: 3 units

9. GIT 7109 – ORGANIZATIONAL CHANGE AND DEVELOPMENT

Exploration on the role of leadership in creating change (3 units)

10. GIT 7200 – ENTERPRISE ARCHITECTURES

Business view of enterprise architectures transition activities utilizing elements of standard (3 units)

11. GIT 7201 – IT SERVICE MANAGEMENT

Essentials of IT service management methodologies used in IT outsourcing industry (3 units)

12. GIT 7202 – MANAGING TECHNOLOGY DEVELOPMENT

Exploration on the intersection of business strategy and IT (3 units)

13. GIT 7203 – CRYPTOGRAPHY

Theoretical foundations of rigorous proofs of security (3 units)

- 14. GIT 7204 – INTRUSION DETECTION (3 units)**
Essential components of network security solution package (3 units)
- 15. GIT 7205 – INFORMATION SECURITY AND ASSURANCE**
Security models, software security and systems life cycle management (3 units)
- 16. GIT 7206 – INFORMATION SECURITY-RISK MANAGEMENT**
Concepts of risk management & detailed aspects of incident response & contingency planning (3 units)
- 17. GRR 7700 – WRITTEN COMPREHENSIVE EXAMINATION**
Pre-requisite: Completed all academic requirements. (No credit unit)
- 18. GIT 7908 – CAPSTONE PROJECT I – PROJECT PROPOSAL**
Application of theoretical knowledge to projects based on actual data (3 units)
- 19. GIT 7909 – CAPSTONE PROJECT II – PROJECT IMPLEMENTATION**
Application of the core concepts, best practices and standards to business needs that require creation of technology solution (Pre-requisite GIT 7908, 3 units)