

MSIT Program Requirement 2023 – 2024

IT Foundation Courses¹ (If Required, 12 Credit Hours)

IT 5413 Software Design and Development (3 hours)

IT 5423 Computer Networks and System Administration (3 hours)

IT 5433 Databases: Design and Applications (3 hours)
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IT 5443 Web Technologies & App Development (prereq IT5413) (3 hours)
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Required Core Courses (15-18 Credit Hours)

IT 6203 IT Design Studio (prereqs IT5433 & IT5443) (3 hours)
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IT 6413 IT Service Delivery (prereq IT5423) (3 hours)

IT 6423 IT Sys Acquisition & Integr(prereq IT5413) (3 hours)
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IT 6823 Info Security Concepts & Admin (prereq IT5423) (3 hours)
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IT 7993 IT Capstone (prereqs IT 6203 and at least two of following: IT 6413, IT 6423, and IT 6823) (3 hours) OR IT 7999 Thesis (permission of MSIT program director) (6 hours in 2 semesters)

Electives² (12-15 hours) 12 hours in electives for Thesis option and 15 hours in elective for Capstone option.

Data Analytics & Intelligent Technology	IT Security	Health IT	Enterprise IT Management
IT 7103 Practical Data Analytics	IT 7303 Data Privacy & Technology	IT 7503 Foundations of HIT	IT 7703 Policy & Law
IT 7113 Data Visualization	IT 7313 Physical IT System		

IT Graduate Certificates Program Requirements 2023 - 2024

Graduate Certificate in Data Analytics & Intelligent Technology	Graduate Certificate in Information Technology Security	Graduate Certificate in Health Information Technology	Graduate Certificate in Enterprise IT Management	Graduate Certificate in IT Foundations
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**Required Courses (6
Credit Hours)**

- ◁ IT 7103: Practical Data Analytics
- ◁ IT 7123: Business Intelligence System-6 (d)-6 (ati)7 (on)-6 (s)

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