INTERDISCIPLINARY STUDIES IN INFORMATION SYSTEMS, ADVANCED GRADUATE CERTIFICATE

Curriculum

To earn this certificate, students must complete any four of the following courses:

Course	Title
CIS 413-DL	Telecommunications and Computer Networks
CIS 414-DL	Object Oriented Programming
CIS 417-DL	Database Systems Design & Implementation
CIS 419-DL	Web Application Development
CIS 431-DL	Database Administration
CIS 435-DL	Practical Data Science Using Machine Learning
CIS 436-DL	Data and Digital Platforms
CIS 452-DL	Cybersecurity Attacks and Counter Measures
CIS 453-DL	Enterprise Security Strategy
CIS 455-DL	Disaster Recovery and Continuity
CIS 457-DL	Management of Information Security
CIS 459-DL	Innovation with Blockchain Technology
CIS 460-DL	Information Technology Management
CIS 471-DL	Digital Transformation: Strategy and Planning
CIS 473-DL	Digital Technologies
CIS 475-DL	Leading Digital Transformation Execution
CIS 477-DL	Enterprise Architecture
CIS 495-DL	Enterprise Agility Frameworks
CIS 496-DL	Business Writing and Communication
CIS 497-DL	Information Technology Finance
MSDS 430-DL	Python for Data Analysis
MSDS 475-DL	Project Management

Any course that has a prerequisite may be taken provided the student has met prerequisites through course completion or course waiver.

Please note that courses completed in the certificate program cannot be transferred to the corresponding graduate degree.