**Required Core:** All MIS Students must take these.

- MIST 4610 Data Management
- MIST 4600 Computer Programming in Business
- MIST 5750 Business Process Management
- MIST 5740S Project Management

**Flexible Core:** MIS Students must take 1 in this bucket (specific courses may be required by the AOE).

- MIST 4620S System Analysis & Design
- MIST 4630 Secure Cloud Development
- MIST 5640 IT Infrastructure

**MIS Electives:** Students must take 2 of these courses (or additional courses from Flexible Core). Specific Electives may be required by AoE.

- MIST 5620 Business Intelligence
- MIST 5440 AI in Business and Society
- MIST 5720 Digital Innovation and Entrepreneurship
- MIST 54550 Energy Informatics
- MIST 5770 Information Security Management
- MIST 5775 Cyber Threat Intelligence
- MIST 5730 Advanced Data Management
- MIST 5785 Applied Information Security
- MIST 4700 Financial Technologies
- BUSN4400 Business, Systems, and Tech. Innovation
- MIST 5635 Machine Learning
- MIST 5757 Data Engineering
- MIST 4605 Python for Business

**Areas of Emphasis**

**Existing AoEs:** Data Analytics, Information Security

- O Data Analytics
- X Information Security

\* A grade of C or better is required for all MIS courses numbered 4000 or higher (to graduate with the MIS Major)

\* A grade of C or better is required in all pre-requisite courses before registering to the next

\* A grade of B minus (or S) is required in Area of Emphasis courses