

College of Computing and Engineering Graduate Course Frequency (*Course offerings and format subject to change*)

KEY: F=Fall, W=Winter, S=Summer; 1 and 2 denotes the part the term.
(e.g., F1 means the course is scheduled to be offered in Fall term 1).

Graduate Courses

CISC PREFIX

CISC 0501 Computer Organization and Architecture	Online F1, W1, S1
CISC 0502 Mathematics in Computing	Online F2, W2, S1
CISC 0503 Data Structures and Algorithms	Online F2, W2, S1
Prerequisite: MSIT 0501	
CISC 0610 Programming Languages	Online W1; On-campus W1
CISC 0615 Design and Analysis of Algorithms	Online W2; On-campus W2
CISC 0640 Operating Systems	Online F1, S1; On-campus F1
CISC 0650 Computer Networks	Online F1; On-campus F1
CISC 0660 Database Management Systems	Online W1; On-campus W1
CISC 0662 Data Mining and Knowledge Discovery in Databases	Online S1; On-campus S1
CISC 0664 Info. Retrieval and Web Search Engine Technology	Online F2
Prerequisite: CISC 0662	
CISC 0665 Distributed Systems	Online W2
CISC 0668 Mobile Application Development	Online F2
Prerequisite: MSIT 0665 OR CISC 0665	
CISC 0670 Artificial Intelligence	Online F2; On-campus F2
CISC 0672 Data Visualization	Online S1
CISC 0680 Software Engineering	Online F2, S1; On-campus F2
CISC 0681 Computer Graphics	Online W1
CISC 0682 Software Requirements Engineering	Online F2
CISC 0683 Object-Oriented Design	Online F1; On-campus F1
CISC 0684 Software Testing and Verification	Online W2
CISC 0685 Interaction Design	Online W2

ISEC PREFIX

ISEC 0615 Fundamentals of Cybersecurity	Online F1, W1, S1; On-campus F1, W1
ISEC 0620 Applied Cryptography	Online F1
Prerequisite: CISC 0501 (or equivalent), CISC 0640, and CISC 0650	
ISEC 0635 Information Security Operations Management	Online W2, S1; On-campus W2
Prerequisite: ISEC 0615	
ISEC 0640 Database Security	Online S1
Prerequisite: MSIT 0630 or CISC 0660	
ISEC 0650 Computer and Network Forensics	Online W1
ISEC 0655 Information Security Governance	Online F2, W1
ISEC 0660 Advanced Network Security	Online W1
Prerequisite: CISC 0640, and CISC 0650	

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ISEC PREFIX (continued)

ISEC 0675 Information Systems Auditing	Online F2; On-campus F2
ISEC 0690 Info. Security Project	Online F2, W2, S1; On-campus F2, W2, S1
ISEC 0695 Information Security Management Project	Online F2, W2, S1; On-campus F2, W2, S1
ISEC 0700 Research Seminar in Cyber. Mgmt. (PH.D. course only)	Online F2

MMIS PREFIX

MMIS 0621 Information Systems Project Management	Online F1, W1, S1; On-campus W1, S1
MMIS 0623 Ethics in Computing	Online F2, W2; On-campus F2, W2
MMIS 0636 Computer-Supported Cooperative Work	Online F1
MMIS 0642 Data Warehousing	Online F2, W2, S1; On-campus F2, S1
Prerequisite: MSIT 0630	
MMIS 0643 Data Mining	Online F2, W2, S1; On-campus W2, S1
Prerequisite: MMIS 0671 and MSIT 0630	
MMIS 0644 UX Strategy for Social Media	Online S1
MMIS 0653 Telecommunications and Computer Networking	Online F1, W2, S1; On-campus F1
MMIS 0671 Data Analytics	Online F1, W1, S1; On-campus F1, W1
MMIS 0680 Human-Computer Interaction	Online F2, W1, S1; On-campus F2
MMIS 0692 Data Analytics Project	Online F2, W2, S1; On-campus F2, W2, S1

MSIT PREFIX

MSIT 0501 Found. of Prog., Data Structures, and Algorithms	Online F1, W1, S1
MSIT 0630 Database Systems	Online F1, W1, S1; On-campus F1, W1
MSIT 0650 Platform Technologies	Online W2
MSIT 0660 Software Development	Online W1
MSIT 0665 Web Services	Online S1
Prerequisite: MSIT 0650 and 0660 or equivalent	

RES D PREFIX

RES D 0700 Research Methods (PH.D. course only)	Online F1
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