

STUDENT:



STUDENT ID NUMBER:

COLLEGE OF LIBERAL ARTS & SCIENCES • MS • COMPUTER SCIENCE: INFORMATION TECHNOLOGY

Program Code: GLASCSCIT

Version Number: 2188 – Fall 2018

Effective Date: August 27, 2018

Program Requirements for Master of Science in Computer Science: Information Technology

Required: 3 credits	CR	Date
CSC 441: Advanced Information Security		

Foundational Courses: 12-27 credits	CR	Date
CSC 411: Networking I		
CSC 421: Web-Based Software Design		
CSC 456: Database Mgmt Systems I		
CSC 458: Data Mining & Predictive Anal. I		
CSC 459: Big Data		
CSC 464: Human Computer Interaction		
CSC 510: Advanced Operating Systems		
CSC 512: Networking II		
CSC 521: Advanced Web-Based Soft. Dev		
CSC 552: Advanced UNIX Programming		
CSC 554: Project Management		
CSC 555: Applied Cryptography		
CSC 556: Database Mgmt Systems II		
CSC 558: Data Mining & Predictive Anal. II		
Optional Thesis: 0 or 6 credits		
CSC 599: Thesis – 6 credits		

Elective Courses: 0-9 credits	Grd	Term

Depth Component Requirement: Choose at least two courses (one or more 500-level) from one depth area.

Depth Area	Courses
Networking	411, 512
Web	421, 464, 521
Database	456, 556
IT Systems & Management	510, 554
Data Analytics	458, 558
Security	441, 555

Note: Selected Topics CSC 480 and CSC 580 are classified as foundational or elective based upon the specific topic

Advisement Notes

- Candidates for the MS degree in Computer Science must complete a total of 30 credits, selected in consultation with your advisor. A candidate must complete all degree requirements for the MS within six (6) calendar years after acceptance into the program.
- Students may elect for the thesis option, which requires the completion of 24 credits of courses and 6 credits of thesis. Students who do not complete a thesis must pass the MS comprehensive exam, which is comprised of four one-hour exams over the material of four regularly scheduled 500-level courses in a student's program of study (POS). A student first becomes eligible to take the comprehensive exam during the term in which they complete a fourth regularly-scheduled 500-level course(s) in their POS. The comprehensive exam is administered during the last week of class in the Fall and Spring semesters.
- Students must complete at least 18 credits of 500-level courses, which can include 6 hours of CSC 599 for students electing the thesis option. No more than four 400-level courses may be taken for graduate credit.
- Students must complete at least one depth component in their program. (see chart above)