Required Courses	Hrs
IT 5413 Software Design and Development	3
IT 5423 Computer Architecture, Operating Systems, and Networks	3
IT 5433 Databases: Design and Applications	3
IT 5443 Web Technologies and Application Development (prereq IT5413)	3

Required Courses	Hrs
IT 6823 Information Security Concepts & Admin. (prereq IT5423) OR IS 8310 Governance, Risk Management and Compliance	3
IT 6873 Information Security Seminar (prereq IT6823)	3
Elective Courses choose two courses	
IT 6833 Wireless Security (prereq IT6823)	3
IT 6843 Ethical Hacking: Network Security & Pen Testing (prereq IT5423)	3
IT 6853 Computer Forensics (prereq IT6823)	3