



Katz

Katz School
of Science and Health

M.S. in Computer Science – Agile (45 credits)

Sample Full-Time Course Sequence

Semester 1	Semester 2	Semester 3	Semester 4
COM 5000 Introduction to Programming (3 credits)	COM 5003 Systems Analysis and Design (3 credits)	COM 6000 CS Capstone I (1.5 credits)	COM 6001 CS Capstone II (1.5 credits)
COM 5001 Computer Science Math I (3 credits)	COM 5100 Advanced Algorithms (3 credits)	COM 5110 Operating Systems (3 credits) - Elective	Elective
COM 5002 Algorithms and Data Structures (3 credits)	COM 5101 Theoretical Computer Science and its Applications (3 credits)	COM 5222 Fundamentals of Software Engineering (3 credits) - Elective	Elective
COM 5010 Computer Systems (3 credits)	COM 5102 Emerging Paradigms in Programming (3 credits)	COM 5441 Hardware Security (3 credits) - Elective	Elective