Degree Plan (Examples)

Information Management Track	
Semester 1	SCH
CS 7300 Introduction to Computer Science Research	3
CS 7311 Data-driven Computational Methods and Infrastructure	3
CS 7331 High-Performance Computing	3
Subtotal……9	
Semester 2	SCH
CS 7315 Network Analysis	3
CS 7313 Advanced Data Mining	3
CS 7332 Advanced Parallel Computing/CS7387	3
Subtotal……9	
Secured dissertation advisor and file the form	
Semester 3	SCH
MSEC 7301 Practical Skills in Commercialization and Entrepreneurship	3
CS 7351 Advanced Software Engineering	3
CS 7387 Research in Computer Science	3
Subtotal……9	
Take and pass qualifying exam	
Semester 4	SCH
MSEC 7302 Leadership Skills in Commercialization and Entrepreneurship	3
CS 7699 Dissertation (Ph.D. research proposal)	6
Subtotal……9	
Defense proposal and Fulfill all candidacy requirements	
Semester 5	SCH
CS 7999 Dissertation	9
Subtotal……9	
Semester 6	SCH
CS 7999 Dissertation	9
Subtotal……9	
Defend dissertation	
Total: Minimum required semester credit hours	54

Software Systems Track	
Semester 1	SCH
CS 7300 Introduction to Computer Science Research	3
CS 7311 Data-driven Computational Methods and Infrastructure	3
CS 7331 High Performance Computing	3
Subtotal……	*9*
Semester 2	SCH
CS 7322 Human Factors and Ergonomics	3
CS 7332 Advanced Parallel Computing	3
CS 7341 Cyberspace Security	3
Subtotal……	*9*
Secured dissertation advisor and file the form	
Semester 3	SCH
MSEC 7301 Practical Skills in Commercialization and Entrepreneurship	3
CS 7387 Research in Computer Science	3
CS 7333 Advanced Green Computing	3
Subtotal……	*9*
Take and pass qualifying exam	
Semester 4	SCH
MSEC 7302 Leadership Skills in Commercialization and Entrepreneurship	3
CS 7699 Dissertation (Ph.D. research proposal)	6
Subtotal	*9*
Defend proposal and Fulfill all candidacy requirements	
Semester 5	SCH
CS 7999 Dissertation	9
Subtotal……	*9*
Semester 6	SCH
CS 7999 Dissertation	9
Subtotal……	*9*
Defend dissertation	
Total: Minimum required semester credit hours	54