Doctor of Philosophy in Computer Science

Catalog Year: 2023-2024   Total Degree Credit Hours: 72

Course Number/Title	Prerequisite	Credits	
CS 5000 Foundations of Programming	None	3	
CS 5020 Computer Architectures and Operating Systems	None	3	
CS 5040 Data Structures and Algorithms	CS 5000	3	
CS 5070 Mathematic Structures for Computer Science	None	3	

Course Number/Title	Prerequisite	Credits	
CS 8025 Advanced Operating Systems	Admission to PhD or MSCS	3	
CS 8027 Advanced Networking and Architecture	Admission to PhD or MSCS	3	
CS 8041 Advanced Theory of Computation	Admission to PhD or MSCS	3	
CS 8045 Advanced Design and Analysis of Algorithms	Admission to PhD or MSCS	3	

CS 8050

Course Number/Title	Prerequisite