Doctor of Science in Computer Science

Degree Plan

Course	Credits	Start Date
Term 1		
First Session		
RSH906 – Technology and Innovation Management	3	
Second Session		
RSH900 – Doctoral Writing and Inquiry into Research	3	
Term 2		
First Session		
DCS901 – Discrete Mathematics for Computer Scientists	3	
Second Session		
DCS902 – Concurrent and Distributed Systems	3	
Term 3		
First Session		
RSH901 – Techniques and Interpretation for Advanced Statistical Research	3	
Second Session		
DCS903 – System Metrics & Risk Management	3	
Term 4		
First Session		
RSH910 – Research Design and Methodology	3	
Second Session		
DCS904 - Modern Compiler Design	3	
Term 5		
First Session		
DCS905 – Simulation and Modeling	3	
Second Session		
DCS906 – Automata Complexity Theory	3	
Term 6		
First Session		
RSH912 – Introduction to the Dissertation	3	
Second Session		
DCS907 – Algorithm Design	3	
Term 7		
First Session		
DCS908 – Computer Ethics	3	
Second Session		

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DCS909 – Artificial Intelligence	3	
Term 8		
First Session		
RSH916 – Problem-Based Research in Action	3	
Term 9		
First Session		
DIS995 – Dissertation I: Concept Paper and Doctoral Committee Selection	3	
Term 10		
First Session		
DIS996 – Dissertation II: Literature Review	3	
Term 11		
First Session		
DIS997 – Dissertation III: Methodology and Ethics	3	
Term 12		
First Session		
DIS998 – Dissertation IV: Research and Results	3	
Term 13		
Second Session		
DIS999 – Dissertation V: Conclusion and Oral Defense	3	

Each 16-week term is composed of two 8-week sessions; dissertation courses are 16-weeks long and span the entire term length. This degree plan is based on full-time status as defined in the Academic Catalog.