

CRS	TITLE	CREDIT	SEC	SIZE	2006	2007	2007	2007	2008	2008	2008	2009	2009	2009	2009	2010	2010	2010	2010	2011	2011	2011	2011	2012	2012
235	Theoretical CS I	3	1	40	x																				
236	Theoretical CS II	3	1	40		x																			
275	Digital Systems I	3	1	40																					
277	Intro to Unix	3	1	20	x			x				x			x			x				x			
294	Individual Study	3	1	10																					
299	ST/System & Server Administration	3	1	10		x																			
315	System Anal. & Design	3	1	40	x			x				x			x			2				2			
316	System Testing & Maintenance	3	1	40		x			x				x			x			2				x		
335	Theoretical CS I	3	1	40				x				x			x			x				x			
336	Theoretical CS II	3	1	40					x				x			x				x			x		
345	Topics in Personal Computers	3	1	40		x							x			x				x			x		
345	Topics in Personal Computers/Computer Forensics	3	1	40					x				x												
345	Topics in Personal Computers/Scripting Language	3	1	40		x																			
345	Topics in PC/Practical Approaches to Software Testing	3	1	40									x												
345	Topics in Intro Information Retrieval and Web Search	3	1	40									x												
366	Files/Database System	3	1	40	x			x				x			x			x				x	x		
371	Web Scripting Languages	3	1	40					x				x			x				x			x		
372	Comparative Languages	3	1	40	x	x		x	x			x	x		2	2		2	2			2	2	x	
373	Assembly Programming	3	1	40	x	x		x	2			x	2		x	2		x	x			x	x		
374	Computer Organization	3	1	40		x			x				x			x				x	x		x	x	
396	Advanced Visual Basic	3	1	40																					
413	Principals of Software Engineering	3	1	30				x				x			x			x				x			

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418	Simulation Models	3	1	30					x						x							x		
426	Intro/Artificial Intelligence	3	1	30	x							x				x							x	
428	Computational Techniques for Environmental Sustainability	3	1	30																			x	
436	Intelligence Agents	3	1	30																				
445	Software Projects Capstone	3	1	30		x			x			x				x				x			x	
448	Digital Image Processing	3	1	30																				
453	Linear Program Network	3	1	30	x							x						x						
454	Operations Research	3	1	30																				
458	Microcomputer Graphics	3	1	30	x				x			C			x									
459	Foundations of Computer Networks (<i>Local Area Networks</i>)	3	1	30		x			x				2			x				x			x	
460	Dynamic Programming	3	1	30																				
467	Algorithm Analysis	3	1	30		x			x				x			x				x			x	
468	Database System Design.	3	1	30		x																		
469	Network Security	3	1	30	x		x	x				x			x								x	
473	Foundations of Digital Enterprise	3	1	30						x				x						x				x
474	Operating Systems Conc.	3	1	30	x			2				2			2			2				2		
475	Operating Systems Des.	3	1	30		x			x				x			x				x			x	
476	Computer Forensics	3	1	30		x							x											
477	Object Oriented Systems	3	1	30	x							x			x				x					
479	Intro/Data Mining	3	1	30					x				x						x				x	
488	Human Computer Interaction	3	1	30	x		x	x		x		x		C	x			x		x				x
489	Social Implications of Comp.	3	1	30		x			x				x			x				x			x	

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702	Performance Evaluation	3	1	30																				
708	Foundations of Programming	3	1	30	x			x			x			x										
713	Software Development Process (<i>prereq. CS372</i>)	3	1	30	x		x	2		x				2	x			2	x	x		2	x	x
714	Software Project Planning and Estimation (<i>prereq. CS713</i>)	3	1	30				x							x			x	2			x	2	x
715	Software Requirements Definition and Analysis	3	1	30	x			2			2			2	x			2	x			2	x	x
716	Software Design	3	1	30		x	x	x	2	x			2	x	2			x	2	x		x	2	x
717	Software Construction	3	1	30	x				x			x							x			x	x	x
718	Software Testing and Debugging	3	1	30		x		x	2			x	x		x	x		x	x			x	x	x
722	Compiler Construction	3	1	30																				
724	Survey of AI	3	1	30		x			x				x		x				x	x			x	x
728	Computer Graphics	3	1	30																				
730	Office Info. Systems	3	1	30																				
732	Intro to Bioinformatics	3	1	30		x		x				x			x				x				x	
734	Expert Systems	3	1	30				C																
735	Neutral Networks (cross list w/IME)	3	1	30																				
737	Systems Simulation	3	1	30																				
740	Intro to Database Systems	3	1	30																				
741	Algorithm Analysis	3	1	30									x			x		x		x		x		x
742	Algorithm and Complexity	3	1	30																				
745	Formal Methods for Software Development	3	1	30														x				2		
746	Development of Distributed Systems	3	1	30		x								x				x						
747	Software Complexity Metrics	3	1	30	x			C			x			C				x	x				x	

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783	Special Topics/Advanced Bioinformatics Systems	3	1	40																				
783	Special Topics/Computer Forensics	3	1	40																				
783	Special Topcis/Advanced Technology Logistics	3	1	40		x			x			x			x				x				x	
783	Special Topic/Software Testing and Empirical Methodology	3	1	10					x															
783	Special Topic/Wireless Network/Mobile Compt	3	1	10															C					
783	Special Topic/Parallel and Distributed Simulation	3	1	10							x													
783	Special Topic/Advanced Topics in Distributed Systems	3	1	10								x												
783	Special Topic/Information Retrieval and Web Search	3	1	10								x								x				
783	Special Topic/Parellel Vertical High Perfor Software System	3	1	10										x					x					
783	Special Topic/Empirical Software Engineering	3	1	10															x	x			x	
785	Special Topic/Archecture - Wireless Networks/Mobile Comput	3	1	30					x			x	x		x									
785	Special Topic/Adv Topics in Software Archecture	3	1	30											x					x			x	
785	Special Topcis/Advanced Topics in Artificial Intelligents	3	1	30																x				
787	Topics in Operation Research	3	1	30																				
789	Topics in Theoretical Computer Science	3	1	30																				
790	Sem/Artificial Intelligence	1	1	10	x	x			x	x		x												
790	Sem/ATM	1	1	10																				
790	Sem/Combinatorial Opt	1	1	10																				
790	Sem/WWWIC	1	1	10																				
790	Sem/Computer Systems	1	1	10																				
790	Sem/Database Systems	1	1	10																				
790	Sem/Educational Media	1	1	10	x	x			x	x		x	x		x	x			x	x			x	

