

CSE 500-level Course Prerequisites

Course	Prefix	Title	Deficiency prerequisites
CSE	509	Digital Video Processing	310
CSE	510	Database System Implementation	310, 330
CSE	511	Semi-Structured Data Management	310
CSE	512	Distributed Databases	310, 330
CSE	515	Multimedia and Web Databases	310
CSE	520	Computer Architecture II	230, 310, 330
CSE	522	Real-Time Embedded Systems	230, 310, 330
CSE	530	Embedded Operating Systems Internals	230, 310, 330
CSE	531	Distributed and Multiprocessor Operating Systems	230, 310, 330
CSE	534	Advanced Computer Networks	310
CSE	535	Mobile Computing	310
CSE	536	Advanced Operating Systems	230, 310, 330
CSE	539	Applied Cryptography	355
CSE	543	Information Assurance and Security	310
CSE	545	Software Security	230, 310, 330
CSE	546	Cloud Computing	230, 310, 330
CSE	548	Advance Computer Network Security	310
CSE	550	Combinatorial Algorithms and Intractability	310, 355
CSE	551	Foundations of Algorithms	310, 355
CSE	552	Randomized and Approximation Algorithms	310, 355
CSE	555	Theory of Computation	310, 355
CSE	556	Game Theory with Applications to Networks	310, 355
CSE	561	Modeling and Simulation Theory and Applications	310
CSE	563	Software Requirements and Specification	310, 340, 355
CSE	564	Software Design	310, 340, 355
CSE	565	Software Verification, Validation, and Testing	310, 340, 355
CSE	566	Software Project, Process, and Quality Management	310
CSE	569	Fundamentals of Statistical Learning and Pattern Recognition	310
CSE	570	Advanced Computer Graphics I	310
CSE	571	Artificial Intelligence	310, 340, 355
CSE	572	Data Mining	310
CSE	573	Semantic Web Mining	340, 355
CSE	574	Planning and Learning Methods in AI	310
CSE	575	Statistical Machine Learning	310
CSE	576	Topics in Natural Lanaguage Processing	310, 340, 355
CSE	577	Advanced Geometric Modeling I	310
CSE	578	Data Visualization	310
CSE	579	Knowledge Representation and Reasoning	310, 340, 355