

NUS School of Computing

Master of Computing (Computer Science Specialisation)

(with effect from August 2026 Intake)

Preclusion:

Please take note that the following courses are **precluded** from each other:

CS5421 Database Applications Design and Tuning	CS4221 Database Applications Design and Tuning
CS5446 AI Planning and Decision Making	CS4246 AI Planning and Decision Making
CS5462 Machine Learning Systems	CS4262 Machine Learning Systems

Computer Science (CS) Specialisation Courses	
CS4249	Phenomena and Theories of Human-Computer Interaction
CS5218	Principles and Practice of Program Analysis
CS5223	Distributed Systems
CS5228	Knowledge Discovery and Data Mining
CS5229	Advanced Computer Networks
CS5232	Formal Specification and Design Techniques
CS5233	Simulation and Modelling Techniques
CS5234	Algorithms at Scale
CS5239	Computer Systems Performance Analysis
CS5250	Advanced Operating Systems
CS5275	The Algorithm Designer's Toolkit
CS5321	Network Security
CS5322	Database Security
CS5340	Uncertainty Modeling in AI
CS5346	Information Visualisation
CS5421	Database Applications Design and Tuning
CS5446	AI Planning and Decision Making
CS5462	Machine Learning Systems

Please refer to course codes as course titles may change.