

NUS School of Computing**Master of Computing (by coursework) – Area of Specialisations***(Applicable only to January 2016 intake and before)*

Computer Science (CS)	
Module Code	Module Title
CS4211	Formal Methods for Software Engineering
CS4212	Compiler Design
CS4224	Distributed Databases
CS4243	Computer Vision and Pattern Recognition
CS5218	Principles of Program Analysis
CS5222	Advanced Computer Architecture
CS5223	Distributed Systems
CS5228	Knowledge Discovery and Data Mining
CS5229	Advanced Computer Networks
CS5230	Computational Complexity
CS5231	Systems Security
CS5232	Formal Specification and Design Techniques
CS5233	Simulation and Modelling Techniques
CS5234	Combinatorial and Graph Algorithms
CS5240	Theoretical Foundations in Multimedia
CS5342	Multimedia Computing and Applications