

MSc in COMPUTER SCIENCE 2018/19 – LIST OF OPTIONS AVAILABLE

	<u>MICHAELMAS TERM</u>	<u>HILARY TERM</u>	<u>TRINITY TERM</u>
Schedule A	Foundations of Computer Science Functional Programming*	Concurrent Programming Artificial Intelligence*	Concurrency*
Schedule B	Computer Aided Formal Verification Computer Security Databases* Machine Learning* Principles of Programming Languages	Computational Complexity* Computers in Society Knowledge Representation and Reasoning* Lambda Calculus & Types	
Schedule C	Categories, Proofs & Processes Computational Game Theory* Computational Learning Theory Concurrent Algorithms and Data Structures Physically Based Rendering Probabilistic Model Checking* Quantum Computer Science	Advanced Machine Learning Advanced Security Automata Logic & Games Categorical Quantum Mechanics Database Systems Implementation Probability & Computing	Requirements (one-week course)

* Courses assessed by sit-down examination