

Course Code & Title:	COMP9102 - Data Management and Information Retrieval				
Semester:	One	Academic Year:			2024-25
<i>This is a Graduate Course. MPhil/PhD students in the Department of Computer Science should read the Coursework Requirement.</i>					
Instructor(s):	Prof. N. MAMOULIS				
Syllabus:	<p>This course presents principles of data representation, search, and information retrieval. Topics include: data types and representations; search operations; performance and correctness measures for search; similarity between entities; indexing; query evaluation and optimization; basic data mining tasks; search in multi-dimensional data; information retrieval techniques; search in large graphs; distributed and parallel data management.</p>				
Topics:	-				
Pre-requisites:	-				
Compatibility:	Mutually exclusive with COMP8101. Students who have taken and passed COMP8101 are not allowed to take COMP9102				
Instructors' website:	https://i.cs.hku.hk/~nikos/				
Assessment:	• In-course assessment				
Timetable:	Date	Start Time	End Time	Venue	Remarks
	Monday - Friday	19:00	21:30	CB308	
Teaching Period: Sep 2 - Nov 30, 2024					
Reading Week: Oct 14 - 19, 2024					