

8543 - Information Technology - Data Science and Engineering and Information Technology
96 UoC

Program Structure

Students must complete 36 UoC of Core Courses

Students must complete 30 UoC of Prescribed Electives. Note that students can take a maximum of 12 UOC of courses from outside the School of Computer Science and Engineering. (If MATH5836 is selected as a prescribed elective, only an additional 6 UOC of courses can be chosen from the Non-Computing Elective List).

Students must complete 30 UoC of Disciplinary Electives

At least 36 UoC courses chosen must be taken from the Advanced Disciplinary Knowledge Course List

Note: COMP9900 counts as both a core and an ADK. Once COMP9900 is counted, only a further 30 UoC of ADK courses need to be selected.

Course	UoC	ADK Course?	Complete?
Core Courses / 36 UoC			
COMP9021	6		
COMP9024	6		
COMP9311	6		
COMP9331	6		
COMP9900	6	Y	
GSOE9820	6		
UoC Sub Total	36		
Electives / 54 UoC			
Prescribed Electives / 30 UoC of Prescribed Electives Must be Taken			
<i>12 UOC must be chosen from any 2 lists and a further 6 UOC must be chosen from the remaining third list.</i>			
Algorithms and Statistics			
COMP4141	6		
COMP6741	6	Y	
MATH5845	6		
MATH5855	6		
MATH5905	6		
MATH5960	6		
Databases and Data Mining			
COMP9313	6		
COMP9315	6	Y	
COMP9318	6	Y	
COMP9319	6	Y	
COMP9321	6		
Machine Learning, Information Retrieval, Knowledge Representation			
COMP4418	6	Y	
COMP6714	6	Y	
COMP9417	6	Y	
COMP9444	6	Y	
MATH5836	6	Y	
UoC Sub Total	30		
Disciplinary Electives / 30 UoC of Disciplinary Electives must be taken			
<i>The full list of Disciplinary Electives can be found in the handbook</i>			
<i>The selection listed below is a sample of courses that overlap with other specialisation requirements</i>			
COMP4141	6		
COMP9313	6		
COMP9321	6		
GSOE9820	6		
UoC Sub Total	30		
Non-Computing Electives / A maximum of 12 UoC of Non-Computing Electives can be taken			
<i>The full list of Non-Computing Electives can be found in the handbook.</i>			
<i>The selection listed below is a sample of courses that overlap with other specialisation requirements.</i>			
MATH5836	6	Y	
GEO9016	6	Y	
Total Program UoC	96		

Please check the handbook and latest timetable to confirm current course offerings and requirements

Project Option / 6 - 18 UoC

Students have the option of completing 6 - 18 UoC of project courses

(COMP9900 - 6 UoC Total) **OR**

(COMP9991 **AND** COMP9992 - 12 UoC Total)

OR (COMP9991 **AND** COMP9993 - 18 UoC Total)

Advanced Disciplinary Knowledge Courses (ADK)		
36 of the total UoC for this degree must be taken from the Advanced Disciplinary Knowledge Course List below		
Course	UoC	Complete?
COMP4418	6	
COMP6714	6	
COMP6741	6	
COMP9315	6	
COMP9318	6	
COMP9319	6	
COMP9417	6	
COMP9444	6	
COMP9900	6	
GEO9016	6	
MATH5836	6	
COMP4121	6	
COMP4161	6	
COMP6445	6	
COMP6447	6	
COMP6448	6	
COMP6452	6	
COMP6721	6	
COMP6733	6	
COMP6752	6	
COMP6771	6	
COMP6845	6	
COMP6991	6	
COMP9153	6	
COMP9242	6	
COMP9243	6	
COMP9312	6	
COMP9323	6	
COMP9334	6	
COMP9336	6	
COMP9337	6	
COMP9418	6	
COMP9434	6	
COMP9491	6	
COMP9517	6	
COMP9727	6	
COMP9991	6	
COMP9992	6	
COMP9993	12	
GMAT9600	6	
UoC Total	36	