TM351 *Data management and analysis*
Study Calendar 2017J

Study Week	Start date	Unit	Practical Activities	iCMA / TMA Cut-offs dates
Parts 1 – 7 *Ad hoc data*				
1	07/10/17	Part 1: Introducing data management and analysis	Read Module and Software Installation guides; install TM351 software; Read Software Guide Start iCMA41	
2	14/10/17	Part 2: Acquiring and representing data	Start TMA01	
3	21/10/17	Part 3: Data preparation	Complete iCMA41	26/10/17
4	28/10/17	Part 4: Data Analysis	Start iCMA42	
5	04/11/17	Part 5: Presentation: Telling the story		
6	11/11/17	Part 6: With data comes responsibility		
7	18/11/17	Part 7: When spreadsheets fail	Complete iCMA42	23/11/17
Parts 8 – 26 *Structured data*				
8	25/11/17	Part 8: Databases	Start iCMA43	
9	02/12/17	TMA01	Complete TMA01	07/12/17
10	09/12/17	Part 9: Relational databases 1	Start TMA02	
11	16/12/17	Part 10: Normalisation	Complete iCMA43	11/12/17
	23/12/17	*Christmas break*		
12	06/01/18	Part 11: Relational databases 2	Start iCMA44	
13	13/01/18	Part 12: Data integrity		
14	20/01/18	Part 13: Alternatives to relational databases		
15	27/01/18	Part 14: Document databases	Complete iCMA44	01/02/18
16	03/02/18	Part 15: Complex queries and analysis	Start iCMA45	
17	10/02/18	Part 16: Scaling out: replication and sharding		
18	17/02/18	Part 17: Distributed transactions		
19	24/02/18	Part 18: Sample data investigation and report.	Complete iCMA45	01/03/18
20	03/03/18	TMA02	Complete TMA02	08/03/18
21	10/03/18	Part 19: Data Warehousing: Building the warehouse		
22	17/03/18	Part 20: Data Mining I: Classification tasks		
23	24/03/18	Part 21: Data Mining II: Unsupervised technique for investigating a data warehouse		
	31/03/18	*Break*		
24	07/04/18	Part 22: Data Mining III: Semi-supervised technique for investigating a data warehouse.		
Parts 24 -26 *Web scale data*				
25	14/04/18	Part 23: With data comes responsibility II: The Freedom of Information Act	Complete iCMA46	19/04/18
26	21/04/18	Part 24: Linked Data on the Semantic Web	Start iCMA46	
27	28/04/18	Part 25: Querying and manipulating linked data		
28	05/05/18	Part 26: Applications of Semantic Web data.	Complete iCMA47	10/05/18
End of module project				
29-32	12/05/18	End of module project	Complete End of module project by cut-off date	04/06/18

Please see the TM351 website for a more detailed interactive online study planner with links to study and assessment materials, module and software guide and details of the module assessment strategy.