



Ballsbridge University

Syllabus for MSc in Computer Science / Information Technology

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Duration of Course : 2 years

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Total Credits : 90

First Year		
Serial Number	Topics	Credits
1	Data Structure and Analysis of Algorithms	4
2	Advanced Database Management System	4
3	Computer Architecture	4
4	Distributed Operating System	4
5	Software Engineering	4
6	Computer Networking and Internet Technologies	4
7	Microprocessors and Microcontrollers	4
8	Graphics and Multimedia	4
9	Term Paper-1	6
10	Project-1	4
Total Credits: 42		

Second Year		
Serial Number	Topics	Credits
1	Compiler Design	4
2	Artificial Intelligence	4
3	VLSI Design	4
4	Cryptography and Network Security	4
5	Image Processing and Pattern Recognition	4
6	Data Mining and Data Warehousing	4
7	Term Paper-2	8
8	Term Paper-3	8
9	Project-2	8
Total Credits: 48		