

BSc Computer Science

TABLE C: COURSE DISTRIBUTION PER YEAR / PER SEMESTER

A/A	Course Type*	Course Name	Course Code	Periods per week	Period duration	No. of weeks/ semester	Total periods / semester	ECTS
YEAR 1: Semester A								
1.	Compulsory	Computational Thinking	CIS4000	3	50	13	39	10
2.	Compulsory	Architectures & Operating Systems	CIS4002	3	50	13	39	10
3.	Compulsory	Principles of Programming	CIS4003	3	50	13	39	10
YEAR 1: Semester B								
1.	Compulsory	Computing & Society	CIS4001	3	50	13	39	10
2.	Compulsory	Building for the Web	CIS4004	3	50	13	39	10
3.	Compulsory	Developing Quality Software & Systems I	CIS4005	3	50	13	39	10

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YEAR 2: Semester A								
1.	Compulsory	Research Methods for Computing & IS	CIS5000	3	50	13	39	5
2.	Compulsory	Data & Knowledge Management	CIS5004	3	50	13	39	10
3.	Compulsory	Developing Quality Software & Systems II	CIS5005	3	50	13	39	10
4.	Compulsory	Employability Skills Project with PDP	BRM5034	3	50	13	39	5
YEAR 2: Semester B								
1.	Compulsory	Physical Computing	CIS5002	3	50	13	39	10
2.	Compulsory	Software Carpentry	CIS5003	3	50	13	39	10
3.	Compulsory	Mobile & Web Technologies	CIS5006	3	50	13	39	10

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YEAR 3: Semester A								
1.	Compulsory	Computational Intelligence	CIS6005	3	50	13	39	10
2.	Compulsory	Cyber Security	CIS6006	3	50	13	39	10
3.	Compulsory	Analytics & Business Intelligence	CIS6008	3	50	13	39	10
YEAR 3: Semester B								
1.	Compulsory	Computer Science Dissertation Project	CIS6001	3	50	13	39	10
2.	Compulsory	Professional & Ethical Issues in IT	CIS6004	3	50	13	39	10
3.	Compulsory	Advanced Programming	CIS6003	3	50	13	39	10