Course Units

Cores : **27** | Electives : **26** | Foundations : **6** | Recess : **0** | Total : **59**

Year : **1**				Semester : **1**			

Code	Name	Abbrev	Type	CU	EX	CW
CS1101	Introduction to Computing	IC	CORE	3	50	50
CS1102	Principles of Programming	PP	CORE	3	50	50
CS1103	Computer Organisation and Architecture	COA	CORE	3	50	50
MT1104	Discrete Mathematics	DM	CORE	3	50	50
FS1103	Understanding the Old Testament	UOT	FOUNDATION	3	50	50
FS1101	Writing & Study Skills I	WSS	FOUNDATION	3	50	50
FS2104	Health & Wholeness	HW	FOUNDATION	3	50	50

Year : **1**				Semester : **2**			

Code	Name	Abbrev	Type	CU	EX	CW
CS1201	Computer Networks	CN	CORE	3	50	50
CS1202	Programming Methods	PM	CORE	3	50	50
CS1203	Data Structures and algorithms	DSA	CORE	3	50	50
CS1204	Database Systems	DBS	CORE	3	50	50
MT1205	Calculus for Computer Science	CCS	CORE	3	50	50
FS2101	Understanding Worldviews	UWV	FOUNDATION	3	50	50
FS1104	Understanding The New Testament	NTU	FOUNDATION	3	50	50
CS1206	Networks Certification	NC	ELECTIVE	4	50	50
CS1207	Database Certification	DBC	ELECTIVE	4	50	50
FS2102	Writing and Study Skills II	WSS II	ELECTIVE	3	50	50

Year : **2**				Semester : **1**			

Code	Name	Abbrev	Type	CU	EX	CW
CS2101	Operating Systems	OS	CORE	3	50	50
CS2102	Object Oriented Programming	OOP	CORE	3	50	50
CS2103	Web Programming	WEB	CORE	3	50	50
CS2104	Database Programming	DBP	CORE	3	50	50
MT2105	Linear Algebra	LA	CORE	3	50	50
MT2106	Probability and Statistics	PSTAT	CORE	3	50	50
FS2102	Understanding Ethics	UETH	FOUNDATION	3	50	50

Year : **2**				Semester : **2**			

Code	Name	Abbrev	Type	CU	EX	CW
CS2201	Software Engineering	SENG	CORE	3	50	50

Code	Name	Abbrev	Type	CU	EX	CW
CS2202	Networks and Systems Administration	NSAD	CORE	3	50	50
CS2203	Computational Complexity	CC	CORE	3	50	50
CS2204	Web Applications Development	WAD	CORE	3	50	50
CS2205	Research Methods	RM	CORE	3	50	50
CS2206	Computer Graphics	CG	CORE	3	50	50
CS2207	Digital Electronics and Logic Design	DELD	ELECTIVE	3	50	50
CS2208	Compiler Construction	CC	ELECTIVE	3	50	50
CS2209	Systems Certification	SC	ELECTIVE	3	50	50
CS2210	Software Development Certification	SDC	ELECTIVE	3	50	50

Year : 3		Semester : 1				

Code	Name	Abbrev	Type	CU	EX	CW
CS3101	Software Project Management	SPM	CORE	3	50	50
CS3102	Information and Cyber Security	ICS	CORE	3	50	50
CS3103	Research Topics and Projects	RTP	ELECTIVE	3	50	50
CS3104	Embedded Systems	ES	ELECTIVE	3	50	50
CS3105	Data Communication Networks	DCN	ELECTIVE	3	50	50
CS3106	Distributed and Cloud Computing	DCC	ELECTIVE	3	50	50
CS3107	VLSI and Circuit Design	VCD	ELECTIVE	3	50	50
CS3108	Data Structures and Algorithms II	DSA II	ELECTIVE	3	50	50
CS3109	Mobile Applications Development	MAD	ELECTIVE	3	50	50
CS3110	Artificial Intelligence	AI	ELECTIVE	3	50	50
CS3111	Computer Vision & Image Processing	CVIP	ELECTIVE	3	50	50
CS3214	Internship	INTERN	CORE	4	50	50

Year : 3		Semester : 2				

Code	Name	Abbrev	Type	CU	EX	CW
CS3201	Business and Entrepreneurship	B-ENT	CORE	3	50	50
CS3202	Computer Science Project	CSP	CORE	3	100	0
CS3203	Software Construction	SC	CORE	3	50	50
CS3204	Robotics	ROB	ELECTIVE	3	50	50
CS3205	Parallel Processing	PP	ELECTIVE	3	50	50
CS3206	Networks and Systems Administration II	NSA	ELECTIVE	3	50	50
CS3207	Telecommunication Networks	TELCOM	ELECTIVE	3	50	50
CS3208	Multimedia Technology	MT	ELECTIVE	3	50	50
CS3209	Introduction to HCI design	IHD	ELECTIVE	3	50	50
CS3210	Data Science	DS	ELECTIVE	3	50	50
CS3211	Operating Systems Programming	OSP	ELECTIVE	3	50	50
CS3212	Machine Learning	ML	ELECTIVE	3	50	50
CS3213	Modelling and Simulation	MS	ELECTIVE	3	50	50