Sri Lanka Institute of Information Technology

B.Sc. Honours in Information Technology - Specialization in Information Technology

Module Code	Module Name	Credits	
		GPA	NGPA
Year 1 Semester 1			
IT 1010	Introduction to Programming	4	
IT 1020	Introduction to Computer Systems	4	
IT 1030	Mathematics for Computing	4	
IT 1040	Communication Skills	3	
Year 1 Semester 2			
IT 1050	Object Oriented Concepts	2	
IT 1060	Software Process Modeling	3	
IT 1080	English for Academic Purposes	3	
IT 1090	Information Systems and Data Modeling	4	
IT 1100	Internet and Web Technologies	4	

Module Code	Module Name	Credits	
		GPA	NGPA
Year 2 Semester 1			
IT2020	Software Engineering	4	
IT2030	Object Oriented Programming	4	
IT2040	Database Management Systems	4	
IT2050	Computer Networks	4	
IT2060	Operating Systems and System Administration	4	
Year 2 Semester 2			
IT2010	Mobile Application Development	4	
IT2070	Data Structures and Algorithms	4	
IT2080	IT Project	4	
IT2090	Professional Skills	2	
IT2100	Employability Skills Development –Seminar		1
IT2110	Probability and Statistics	3	

Module Code	Module Name	Credits	
		GPA	NGPA
Year 3 Semester 1			
IT3010	Network Design and Management	4	
IT3020	Database Systems	4	
IT3030	Programming Applications & Frameworks	4	
IT3040	IT Project Management	4	
IT3050	Employee Skills Development - Seminar		1
Year 3 Semester 2			
IT3060	Human Computer Interaction	4	
IT3070	Information Assurance & Security	4	
IT3080	Data Science & Analytics	4	
IT3090	Business Management for IT	3	
IT3110	Industry Placement		8

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		GPA	NGPA
Year 4 Semester 1			
IT4010	Research Project	16	
IT4020	Modern Topics in IT	4	
IT4070	Preparation for the Professional World		2
Electives			
IT4030	Internet of Things	4	
IT4040	Database Administration	4	
IT4050	Innovation Management & Entrepreneurship	4	
IT4060	Machine Learning	4	
IT4090	Cloud Computing	4	
IT4100	Software Quality Assurance	4	
IT4110	Computer Systems and Network Administration	4	
IT4120	Knowledge Management	4	
IT4130	Image Understanding & Processing	4	