

Bachelor of Science in Information Security Model Study Plan (2020-2021 Cohort onwards)

For Students Admitted to the University from the Fall Semester
Total Degree Credit hours: 130

Semester	Course Code	Course Title	Credits	Prerequisites	Semester	Course Code	Course Title	Credits	Prerequisites
Year 1 (Fall)	ISIT1001	Introduction to Academic English for Information Technology	3	ISIT1001	(Spring)	ISIT2001	Computer Mathematics	3	ISIT1001
	ISIT1002	Computer Systems Fundamentals	3	ISIT1002		ISIT2002	Computer Networks	3	ISIT1002
	ISIT1003	Information Systems Problem Solving	3	ISIT1003		ISIT2003	Object Oriented Programming	3	ISIT1003
	ISIT1004	College English	3	ISIT1004		ISIT2004	Mobile Design & Usability Engineering	3	ISIT1004
Year 2 (Fall)	ISIT2005	Security Hardware Protection	3	ISIT1005	(Spring)	ISIT3001	Security Principles & Policies	3	ISIT2005
	ISIT2006	Information Systems & Networks Fundamentals	3	ISIT2006		ISIT3002	Database Systems	3	ISIT2006
	ISIT2007	Security Systems Fundamentals	3	ISIT2007		ISIT3003	Information Security in Information Technology	3	ISIT2007
	ISIT2008	College English	3	ISIT2008		ISIT3004	Mobile Computing	3	ISIT2008
Year 3 (Fall)	ISIT3005	Network Security I	3	ISIT2009	(Spring)	ISIT4001	Information Security and Forensics	3	ISIT3005
	ISIT3006	Cryptography	3	ISIT3006		ISIT4002	Design and Analysis of Security Protocols	3	ISIT3006
	ISIT3007	Security Hardware	3	ISIT3007		ISIT4003	Secure Software Design and Engineering	3	ISIT3007
	ISIT3008	College English	3	ISIT3008		ISIT4004	Mobile Security	3	ISIT3008
Year 4 (Fall)	ISIT4005	Privacy and Anonymity	3	ISIT3009	(Spring)	ISIT5001	Digital Forensics	3	ISIT4005
	ISIT4006	Risk Analysis and Management	3	ISIT4006		ISIT5002	Security Policy, Law and Governance	3	ISIT4006
	ISIT4007	Security Systems	3	ISIT4007		ISIT5003	Information Security Project	3	ISIT4007
	ISIT4008	Network Security II	3	ISIT4008		ISIT5004	Security Architecture and Mechanisms	3	ISIT4008
Year 5 (Fall)	ISIT5005	Security Operations Project I	3	ISIT4009	(Spring)	ISIT6001	Security Architecture and Mechanisms	3	ISIT5005
	ISIT5006	Network Security Lab	3	ISIT5006		ISIT6002	Network Security Lab	3	ISIT5006
Year 5 (Fall)	ISIT6005	Internship	12	ISIT6005					

Bachelor of Science in Information Security Model Study Plan (2020-2021 Cohort onwards)

For Students Admitted to the University from the Spring Semester
Total Degree Credit hours: 130

Semester	Course Code	Course Title	Credits	Prerequisites	Semester	Course Code	Course Title	Credits	Prerequisites
Year 1 (Spring)	ISIT1001	Introduction to Academic English for Information Technology	3	ISIT1001	(Fall)	ISIT2001	Computer Mathematics	3	ISIT1001
	ISIT1002	Computer Systems Fundamentals	3	ISIT1002		ISIT2002	Computer Networks	3	ISIT1002
	ISIT1003	Information Systems Problem Solving	3	ISIT1003		ISIT2003	Object Oriented Programming	3	ISIT1003
	ISIT1004	College English	3	ISIT1004		ISIT2004	Mobile Design & Usability Engineering	3	ISIT1004
Year 2 (Spring)	ISIT2005	Security Hardware Protection	3	ISIT1005	(Fall)	ISIT3001	Security Principles & Policies	3	ISIT2005
	ISIT2006	Information Systems & Networks Fundamentals	3	ISIT2006		ISIT3002	Database Systems	3	ISIT2006
	ISIT2007	Security Systems Fundamentals	3	ISIT2007		ISIT3003	Information Security in Information Technology	3	ISIT2007
	ISIT2008	College English	3	ISIT2008		ISIT3004	Mobile Computing	3	ISIT2008
Year 3 (Spring)	ISIT3005	Network Security I	3	ISIT2009	(Fall)	ISIT4001	Information Security and Forensics	3	ISIT3005
	ISIT3006	Cryptography	3	ISIT3006		ISIT4002	Design and Analysis of Security Protocols	3	ISIT3006
	ISIT3007	Security Hardware	3	ISIT3007		ISIT4003	Secure Software Design and Engineering	3	ISIT3007
	ISIT3008	College English	3	ISIT3008		ISIT4004	Mobile Security	3	ISIT3008
Year 4 (Spring)	ISIT4005	Privacy and Anonymity	3	ISIT3009	(Fall)	ISIT5001	Digital Forensics	3	ISIT4005
	ISIT4006	Risk Analysis and Management	3	ISIT4006		ISIT5002	Security Policy, Law and Governance	3	ISIT4006
	ISIT4007	Security Systems	3	ISIT4007		ISIT5003	Information Security Project	3	ISIT4007
	ISIT4008	Network Security II	3	ISIT4008		ISIT5004	Security Architecture and Mechanisms	3	ISIT4008
Year 5 (Spring)	ISIT5005	Security Operations Project I	3	ISIT4009	(Fall)	ISIT6001	Security Architecture and Mechanisms	3	ISIT5005
	ISIT5006	Network Security Lab	3	ISIT5006		ISIT6002	Network Security Lab	3	ISIT5006
Year 5 (Spring)	ISIT6005	Internship	12	ISIT6005					