INFORMATION TECHNOLOGY, B.S. - CYBERSECURITY

Major in Information Technology, BS

Code	Title	Hours
INTE 120	Integrated Information Technology Application Projects	4
INTE 130	Fundamentals of Information Technology	4
INTE 230	Network Concepts, Security and Administration	4
INTE 240	The Fundamentals of Web Technology	4
INTE 360	IT Risk Management and Security	4
INTE 410	IT Project Management	4
INTE 420	Fundamentals of Operating Systems Management	4
INTE 440	Human-Computer Interaction	4
OPTION IN CYBERSECURITY - See separate block		
Total Hours		**32**

Option in Cybersecurity

Code	Title	Hours
CYBERSECURITY REQUIREMENTS		
Advanced Computer Networking or Computer Networks - Choose 1 of the following:		3-4
INTE 335	Advanced Computer Networking	
CSCI 395	Computer Networks	
INTE 350	Cybersecurity	4
INTE 435	IT Security, Privacy & Ethics	3
Internship in Cybersecurity		12
INTE 400	Co-Op/Internship INTE	
Cybersecurity Elective - Choose 2 of the following:		6-7
INTE 465	Data Analytics in Health Care	
INTE 466	Ethical Hacking and Penetration Testing	
CSCI 415	Computer and Network Security	
Total Hours		**28-30**

Req Related for Information Technology, BS

Code	Title	Hours
COMPUTER SCIENCE		
CSCI 161	Introduction to Programming 1 (G2)	4
CSCI 162	Introduction to Programming 2	4
CSCI 366	Database Systems	4
MATHEMATICS		
Statistics (G2) - Choose 1 of the following:		3-4
MATH 130	Elements of Statistics 1	
MATH 234	Statistics for Health Sciences	
MATH 235	Survey of Statistics	
MATH 120	Logic for Information Technology	2
ECONOMICS		
ECON 102	Principles of Microeconomics (G3)	3
RECOMMENDED COURSES (NOT REQUIRED)		
These courses are recommended, but not required. They are advised as complimentary courses which can fulfill the General Education requirements noted		

COMM 335 Communications and Emerging Technologies (G1, W)		0
MATH 151 Calculus for Management, Life and Social Sciences		0
Total Hours		**20-21**