

INFORMATION TECHNOLOGY, B.S. - CYBERSECURITY

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

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 3-4 the following:		
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