



**HASAN SCHOOL OF BUSINESS**  
**BS - Computer Information Systems**  
**Planning Sheet: 2017-18**

NAME: \_\_\_\_\_

PID: \_\_\_\_\_

<b>GENERAL EDUCATION AND QUANTITATIVE ANALYSIS (46 Credit Hrs.)</b>					<b>Suggested Emphasis Areas - Choose one</b>						
GENERAL EDUCATION (36 Hrs.)					<b>Cyber Security</b> Hrs. Grd.						
SKILLS (10 Hrs.)					<b>Data Analytics</b>						
ENG 101 (Eng. Comp. I)	3.0	_____	KNOWLEDGE (26 Hrs.)	Hrs.	Grd.	CIS 360 (Cyber Security)	3.0	_____	CIS 365 (Management Information Syst	3.0	_____
ENG 102 (Eng. Comp. II)	3.0	_____	Humanities SPCOM 103	3.0	_____	CIS 401 (Network Sys. Admin.)			CIS 450 (Advanced Data Analytics)	3.0	_____
MATH 121 (College Algebra)	4.0	_____	Humanities	3.0	_____	<b>OR</b> CIS 402 (Linux Net. & Routing)	3.0	_____	Open CIS Elective*	3.0	_____
			Humanities	3.0	_____	CIS 461 (IT Security Risk Mgmt.)	3.0	_____	Open CIS Elective*	3.0	_____
			Soc. Science (ECON 201-Required)	3.0	_____	CIS 462 (Computer Forensics)	3.0	_____			
			Soc. Science (ECON 202-Required)	3.0	_____						
QUANTITATIVE ANALYSIS (10 Hrs.)					<b>Software Development</b>						
BUSAD 265 (Statistics)	3.0	_____	History	3.0	_____	CIS 356 (iOS Application Development)	3.0	_____	<b>Business Admin. Minor</b>		
MATH 220 (Business Math)	4.0	_____	Sci. & Tech./Lab	4.0	_____	CIS 359 (Adv. Prog. w/ C#)	3.0	_____	<b>(Strongly Suggested)</b>		
BUSAD 360 (Adv. Bus. Stats.)	3.0	_____	Sci. & Tech./Lab	4.0	_____	CIS 386 (Android Application Development)	3.0	_____	These are the additional courses required:		
						CIS 411 (Internet Sever-side Programming)	3.0	_____	Acctg 201 (Princ. of Accounting I)	3.0	_____
<b>CIS CORE (Required for All Majors: 33 Credit Hrs.)</b>					<b>CIS Electives (12 hours required)</b>						
CIS 100 (Word)	1.0	_____	CIS 240 (Object-Orien. Anlys. & Des.)	3.0	_____	CIS 356 (iOS Application Development)	3.0	_____	CIS 411 (Internet Server-Side Prog.)	3.0	_____
CIS 103 (PowerPoint)	1.0	_____	CIS 271 (Adv. Prog. Des. w/ JAVA)	4.0	_____	CIS 359 (Adv. Prog. w/ C#)	3.0	_____	CIS 450 (Advanced Data Analytics)	3.0	_____
CIS 104 (Excel)	1.0	_____	CIS 289 (Network Concepts)	3.0	_____	CIS 360 (Cyber Security)	3.0	_____	CIS 461 (IT Security Risk Mgmt.)	3.0	_____
CIS 105 (Access)	1.0	_____	CIS 311 (Intro to Web Dev.)	3.0	_____	CIS 365 (Management Information Systems)	3.0	_____	CIS 462 (Computer Forensics)	3.0	_____
CIS 150 (Computer Info Systems)	3.0	_____	CIS 315 (UNIX Operating System)	3.0	_____	CIS 386 (Android Application Development)	3.0	_____	CIS 490 (Special Projects)	3.0	_____
CIS 171 (Intro to Prog. w/ JAVA)	4.0	_____	CIS 350 (Database Management)	3.0	_____	CIS 401 (Network Sys. Admin.)	3.0	_____	CIS 491 (Special Topics)	3.0	_____
CIS 185 (PC Architecture)	3.0	_____				CIS 402 (Linux Net. & Routing)	3.0	_____	CIS 498 (Internship)	3.0	_____
<b>REQUIRED RELATED NON-CIS COURSES-9 Credit Hrs. &amp; OPEN ELECTIVES-13 CREDIT Hrs.</b>					<b>Notes:</b>						
Course	Hrs.	Grd.	Course	Hrs.	Grd.						
BUSAD 270 (Bus. Communications)	3.0	_____	_____	_____	_____						
MGMT 201 (Prin. of Mgmt.)	3.0	_____	_____	_____	_____						
MGMT 368 (Project Mgmt.)	3.0	_____	_____	_____	_____						
_____	_____	_____	_____	_____	_____						
<b>CAPSTONE COURSES (Required of All Majors: 7 Credit Hrs.)</b>											
CIS 432 (Sr. Professional Project)	6.0	_____									
CIS 493 (Career Seminar)	1.0	_____									
NOTE: 1. 40 credits of upper-division courses are required for the Bachelor of Science. 2. Among the required open electives-13 credit hrs., 6 of them have to be upper-division electives.											