



PLAN OF STUDY
NETWORK AND SECURITY ADMINISTRATION
 EFFECTIVE CATALOG YEAR 2016-17



Sample Schedule (subject to course rotations)

FALL		SPRING	
First Semester	CR	Second Semester	CR
IGR CSC 105 Intro to Computers	3	CSC 363 Hardware, Visualization & Data Comm	3
SGE Written Communication	3	CSC 245 Security Fundamentals	3
SGE Mathematics (MATH 102 or higher)	3	SGE Social Science	3
SGE Oral Communication	3	SGE Arts and Humanities	3
IGR CSC 150 Computer Science I	3	CSC 250 Computer Science II	3
GS 100: University Experience	0		15
	15		
30			
Third Semester	CR	Fourth Semester	CR
CIS 383 Networking I	3	IGR Writing Intensive	3
CIS 332 Structured Systems Analysis & Design	3	CSC 328 Operating Environments	3
SGE Natural Science	3	CIS 385 Networking II	3
SGE Written Communication	3	SGE Natural Science	3
SGE Social Science	3	SGE Arts and Humanities	3
	15		15
30			
Fifth Semester	CR	Sixth Semester	CR
CIS 460 Windows Admin	3	CIS 375 Web Application Programming II	3
CIS 275 Web Application Programming I	3	CIS 387 Routing and Switching	5
CIS 484 Database Management Systems	3	CIS 462 Linux/Unix Admin	3
CSC 436 Offensive Network Security	3	ENGL 208 Documentation & Presentation	3
CSC 434 Web Software Security	3	CSC 438 Defensive Network Security	3
	15		17
32			
Seventh Semester	CR	Eighth Semester	CR
CIS 466 Survey of Network Administration	3	CSC 388 Computer Forensics Fundamentals	3
CIS 494/498 Internship or Undergrad Research	3	CIS 468 Scripting for Network Admin	3
IGR WEL 100 Wellness for Life	1	Elective	3
IGR WEL 100L Wellness for Life Lab	1	Elective	3
CIS 407 Adv. Routing & Switching	3	Elective	2
Elective	3		14
	14		