

SCHREINER UNIVERSITY

Bachelor of Science

Computer Information Technology Cyber-Security track

Sample Four Year Plan beginning Fall 2021

This curriculum guide intended for use in coordination with corresponding degree plan and course rotation.

Total Credits 120

Fall Semester 1

Aesthetic Appreciation core course	3
CIT 2410 Intro to Programming Logic	4
Communications core course	3
Elective course	3
IDST 1301 Freshman Studies	3
<i>Credits</i>	16

Spring Semester 1

CIT 1460 Hardware and System Software	4
Communications core course	3
Engagement core course	3
Global Perspective core course	3
MATH 1311 Finite Math	3
<i>Credits</i>	16

Fall Semester 2

Analytical Abilities core course	3
BSAD 1301 Introduction to Business	3
CIT 3401 Networking and Telecommunications	4
Engagement core course	3
Elective Course	3
<i>Credits</i>	16

Spring Semester 2

CIT 3405 Information Assurance and Security	4
CIT 3340 Intro to Operating Systems	3
CIT 4434 Object Oriented Programming	4
MGMT 2341 Introduction to Management	3
Elective course	3
<i>Credits</i>	17

Fall Semester 3

CIT 3403 Database Management	4
CIT 4433 Network Security	4
CIT 4441 Operating System Security	4
Elective course	3
<i>Credits</i>	15

Spring Semester 3

Analytical Abilities core course	3
CIT 4440 Computer Forensics	4
Personal & Social Responsibility core course	3
Elective course	3
<i>Credits</i>	13

Fall Semester 4

CIT 4361 System Analysis and Design	3
CIT 4444 Incident Response and Handling	4
CIT 4451 Information Technology Support Services	4
Global Perspective core course	3
<i>Credits</i>	14

Spring Semester 4

CIT 4443 Intrusion Detection	4
CIT 4396 Internship in Cyber Security	3
Global Perspective core course	3
Elective course	3
<i>Credits</i>	13