

SCHREINER UNIVERSITY

Bachelor of Science

Computer Information Technology Programming 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
<i>Credits</i>	13

Spring Semester 2

CIT 3340 Intro to Operating Systems	3
CIT 3405 Information Assurance and Security	4
CIT 4434 Object Oriented Programming	4
MGMT 2341 Principles of Management	3
<i>Credits</i>	14

Fall Semester 3

CIT 3403 Database Management	4
CIT 4420 Algorithms and Data Structures	4
CIT 4421 Structured Programming	4
CIT 4423 Advanced Java Programming	4
<i>Credits</i>	16

Spring Semester 3

CIT 4422 Visual Basic	4
Personal & Social Responsibility core course	3
Elective course	3
Elective course	3
<i>Credits</i>	13

Fall Semester 4

Analytical Abilities core course	3
CIT 4361 System Analysis and Design	3
CIT 4451 Information Technology Support Services	4
Global Perspective core course	3
Elective course	3
<i>Credits</i>	16

Spring Semester 4

CIT 4424 Software Engineering	4
CIT 4397 Internship in Programming	3
Global Perspective core course	3
Elective course	3
Elective course	4
<i>Credits</i>	16