

SCHREINER UNIVERSITY

Bachelor of Science

Computer Information Technology Programming track

Sample Four Year Plan beginning Fall 2018

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
BSAD 1301 Introduction to Business	3
Communications core course	3
Elective course	3
IDST 1301 Freshman Studies	3
<i>Credits</i>	15

Fall Semester 2

CIT 2410 Intro to Programming Logic	4
CIT 3401 Networking and Telecommunications	4
CIT 3403 Database Management	4
Engagement core course	3
<i>Credits</i>	15

Fall Semester 3

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

Fall Semester 4

CIT 4420 Algorithms and Data Structures	4
CIT 4421 Structured Programming	4
CIT 4423 Advanced Java Programming	4
Global Perspective core course	3
<i>Credits</i>	15

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

Spring Semester 2

CIT 3340 Intro to Operating Systems	3
Analytical Abilities core course	3
Elective course	3
Elective course	3
MGMT 2341 Principles of Management	3
<i>Credits</i>	15

Spring Semester 3

CIT 3405 Information Assurance and Security	4
CIT 4434 Object Oriented Programming	4
Global Perspective core course	3
Personal & Social Responsibility core course	3
<i>Credits</i>	14

Spring Semester 4

CIT 4397 Internship in Programming	3
CIT 4422 Visual Basic	4
CIT 4424 Software Engineering	4
Elective course	3
<i>Credits</i>	14