

# SCHREINER UNIVERSITY

## Bachelor of Science

### *Computer Information Technology Programming track*

### **Sample Four Year Plan beginning Fall 2020**

*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>	<b>15</b>

#### **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>	<b>15</b>

#### **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>	<b>16</b>

#### **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>	<b>15</b>

#### **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 Math Concepts for Business	3
<i>Credits</i>	<b>16</b>

#### **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>	<b>15</b>

#### **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>	<b>14</b>

#### **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>	<b>14</b>