

SCHREINER UNIVERSITY

Bachelor of Science

Computer Information Technology Programming track

Sample Four Year Plan beginning Fall 2019

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

Total Credits 120

Fall Semester 1		Spring Semester 1	
Aesthetic Appreciation core course	3	CIT 1460 Hardware and System Software	4
CIT 2410 Intro to Programming Logic	4	Communications core course	3
Communications core course	3	Engagement core course	3
Elective course	3	Global Perspective core course	3
IDST 1301 Freshman Studies	3	MATH 1311 Finite Math	3
	<i>Credits</i> 16		<i>Credits</i> 16
Fall Semester 2		Spring Semester 2	
Analytical Abilities core course	3	CIT 3340 Intro to Operating Systems	3
BSAD 1301 Introduction to Business	3	CIT 3405 Information Assurance and Security	4
CIT 3401 Networking and Telecommunications	4	CIT 4434 Object Oriented Programming	4
Engagement core course	3	MGMT 2341 Principles of Management	3
	<i>Credits</i> 13		<i>Credits</i> 14
Fall Semester 3		Spring Semester 3	
CIT 3403 Database Management	4	CIT 4422 Visual Basic	4
CIT 4420 Algorithms and Data Structures	4	Personal & Social Responsibility core course	3
CIT 4421 Structured Programming	4	Elective course	3
CIT 4423 Advanced Java Programming	4	Elective course	3
	<i>Credits</i> 16		<i>Credits</i> 13
Fall Semester 4		Spring Semester 4	
Analytical Abilities core course	3	CIT 4424 Software Engineering	4
CIT 4361 System Analysis and Design	3	CIT 4397 Internship in Programming	3
CIT 4451 Information Technology Support Services	4	Global Perspective core course	3
Global Perspective core course	3	Elective course	3
Elective course	3	Elective course	4
	<i>Credits</i> 16		<i>Credits</i> 16