

Schreiner University

Bachelor of Science

Computer Information Technology – Programming Track

SUGGESTED FOUR-YEAR PLAN BEGINNING 2017-2018

This curriculum guide is intended for use in coordination with corresponding degree plan and course rotations

Sample Options

Fall Semester 1

CIT 2410 Intro to Programming Logic
IDST 1301 Freshman Studies
Aesthetic Appreciation (3)
Communication (3)
Elective (3)

16 Credits

Fall Semester 2

BSAD 1301 Introduction to Business
CIT 3401 Networking and Telecommunications
Analytical (3)
Elective (3)
Elective (3)

16 Credits

Fall Semester 3

CIT 3403 Database Management
CIT 4420 Algorithms and Data Structures
CIT 4421 Structured Programming
CIT 4423 Advanced Java Programming

16 Credits

Fall Semester 4

CIT 4451 Information Technology Support Services
CIT 4361 System Analysis and Design
Elective (3)
Global Perspectives (3)

13 Credits

Sample Options

Spring Semester 1

CIT 1460 Hardware and Software Systems
Communication (3)
Engagement (3)
Global Perspectives (3)
MATH 1311 Finite Mathematics

16 Credits

Spring Semester 2

CIT 3340 Intro to Operating Systems
CIT 3405 Information Assurance and Security
CIT 4434 Object Oriented Programming
MGMT 2341 Principles of Management

14 Credits

Spring Semester 3

CIT 4422 Visual Basic
Engagement (3)
Elective (3)
Elective (3)
Pers./Soc. Responsibility (3)

16 Credits

Spring Semester 4

CIT 4424 Software Engineering
CIT 4397 Internship in Programming
Elective (3)
Global Perspectives (3)

14 Credits

TOTAL Credits - 120