

Schreiner University
Bachelor of Science in Computer
Information Technology
Concentration: *Programming*

SUGGESTED FOUR-YEAR PLAN BEGINNING 2016-2017

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

Sample Options

Fall Semester 1

BSAD 1301 Introduction to Business
Elective (3)
Communication (3)
IDST 1301 Freshman Studies
Aesthetic Appreciation (3)

15 Credits

Fall Semester 2

Analytical (3-4)
Elective (3)
BSAD 2341 Principles of Management
CIT 2410 Introduction to Programming Logic

13-14 Credits

Fall Semester 3

CIT 4420 Algorithms & Data Structures
CIT 4421 Structured Programming
CIT 3401 Networking & Telecommunications
CIT 3403 Database Management

16 Credits

Fall Semester 4

CIT 4423 Advanced Java Programming
CIT 4451 IT Support Services
CIT 4361 Systems Analysis & Design
Elective (3)

14 Credits

Sample Options

Spring Semester 1

Communication (3)
CIT 1460 Hardware & System Software
Engagement (3)
Global Perspectives (3)
MATH 1311 Finite Mathematics (0-3)

13-16 Credits

Spring Semester 2

Elective (3)
Elective (3)
Elective (3)
PHIL 2311 Business Ethics
Global Perspective (3)

15 Credits

Spring Semester 3

CIT 4431 Visual Basic
Engagement (3)
CIT 3405 Information Assurance & Security
CIT 3340 Introduction to Operating Systems
Elective (3)

17 Credits

Spring Semester 4

CIT 4424 Software Engineering
Elective (3)
CIT 4434 Object-Oriented Programming
CIT 4398 Internship in Programming

14 Credits

TOTAL Credits – 120-124 Credits