

Schreiner University
Bachelor of General Studies
Applied Science (3-2) Engineering

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

CHEM 1301/1101 – General Chemistry I
Elective (3, ENGR 1301 Recommended)
IDST 1301 – Freshman Studies
MATH 2422 – Calculus I

14 Credits

Fall Semester 2

ENGL 1302 – Literature and Composition
HIST 1301 – United States History Since the Civil War
MATH 3324 – Calculus III
POLS 2301 – American Government (National and Texas)
PHYS 2425 – University Physics I

16 Credits

Fall Semester 3

COMM 2301 – Communication
Elective (3)
Global Perspective (3)
CIT 2410 – Introduction to Programming Logic
Per./Soc. Responsibility (3)

16 Credits

Fall Semester 4

Sample Options

Spring Semester 1

CHEM 1302/1102 – General Chemistry II
ENGL 1301 – Rhetoric and Composition
ENGR 1310 – Technical Graphics
HIST 1301 – United States History Through the
Civil War
MATH 2423 – Calculus II

17 Credits

Spring Semester 2

Elective (3)
MATH 3425 – Differential Equations
PHYS 2426 – University Physics II
POLS 2302 – American Public Policy

14 Credits

Spring Semester 3

Aesthetic Appreciation (3)
Elective (2)
IDST 2305 – Perspectives in Critical Thinking
or PHIL 2320 – Introduction to Logic
MATH (3, Linear Algebra or Introduction
to Numerical Analysis)

14 Credits

Spring Semester 4

30 Upper Division Hours in Engineering or Engineering Technology from an
Accredited University

* A student needing to complete the prerequisites for calculus (MATH 1310: College Algebra and MATH 1321: Pre-calculus) may use 6 elective hours to do so, and may move the calculus sequence to the following year.

TOTAL Credits – 90 at Schreiner University