

SCHREINER UNIVERSITY
 Bachelor of General Studies
Applied Science (Engineering 3/2)
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

CHEM 1301/1101 General Chemistry I	4
ENGR 1301 Introduction to Engineering	3
IDST 1301 Freshman Studies	3
MATH 2422 Calculus I	4
<i>Credits</i>	14

Spring Semester 1

Aesthetic Appreciation core course	3
Elective course	3
Engagement core course	3
ENGR 1310 Technical Graphics	3
MATH 2423 Calculus II	4
<i>Credits</i>	16

Fall Semester 2

Communications core course	3
ENGR 2310 Engineering Statics	3
ENGR 3310	3
MATH 3324 Calculus III	3
PHYS 2325/2125 University Physics I	4
<i>Credits</i>	16

Spring Semester 2

Communications core course	3
ENGR 2320 Engineering Dynamics	3
MATH 3425 Differential Equations	4
PHYS 2326/2126 University Physics II	4
<i>Credits</i>	14

Fall Semester 3

CIT 2410 – Introduction to Programming Logic	4
ENGR 3320 Fluid Mechanics	3
Global Perspective core course	3
Upper level MATH choice	3
Elective course	3
<i>Credits</i>	16

Spring Semester 3

Engagement core course	3
Elective course	3
ENGR 2330 Mechanics of Materials	3
Global Perspective core course	3
Personal & Social Responsibility core course	3
<i>Credits</i>	15

Fall Semester 4

Spring Semester 4

24 Upper division hours in Engineering or Engineering Technology from an accredited university