

**SCHREINER UNIVERSITY**  
**Bachelor of General Studies**  
*Applied Science (Engineering 3/2)*  
**Sample Four Year Plan beginning Fall 2021**

*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>	<b>14</b>

**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>	<b>16</b>

**Fall Semester 2**

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

**Spring Semester 2**

Communications core course	3
Elective course	3
MATH 3425 Differential Equations	4
PHYS 2326/2126 University Physics II	4
Elective course	3
<i>Credits</i>	<b>17</b>

**Fall Semester 3**

CIT 2410 – Introduction to Programming Logic	4
Upper level MATH choice	3
Global Perspective core course	3
Elective course	3
Elective course	3
Elective course	2
<i>Credits</i>	<b>18</b>

**Spring Semester 3**

Engagement core course	3
Elective course	3
Elective course	3
Global Perspective core course	3
Personal & Social Responsibility core course	3
<i>Credits</i>	<b>15</b>

**Fall Semester 4**

**Spring Semester 4**

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