

# SCHREINER UNIVERSITY

## Bachelor of Science

### *Chemistry-Biochemistry track*

### **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**

<b>Fall Semester 1</b>		<b>Spring Semester 1</b>	
BIOL 1301/1102 Concepts of Biological Science	4	BIOL 1302/1103 Organismal Biology	4
CHEM 1301/1101 General Chemistry	4	CHEM 1302/1102 General Chemistry II	4
IDST 1301 Freshman Studies	3	ENGL 1301 Rhetoric and Composition	3
MATH 2422 Calculus I	4	MATH 2423 Calculus II	4
	<i>Credits</i> <b>15</b>		<i>Credits</i> <b>15</b>
<b>Fall Semester 2</b>		<b>Spring Semester 2</b>	
BIOL 2305/2105 Genetics	3	BIOL 3352/3152 Cell Biology	4
CHEM 2311/2111 Organic Chemistry I	4	CHEM 2312/2112 Organic Chemistry II	4
ENGL 1302 Literature and Composition	3	CHEM 2350 Writing and Research	3
MATH 2330 Applied Statistics	3	Personal & Social Responsibility core course	3
Global Perspective core course	3	Global Perspective core course	3
	<i>Credits</i> <b>16</b>		<i>Credits</i> <b>17</b>
<b>Fall Semester 3</b>		<b>Spring Semester 3</b>	
CHEM 3303/3103 Thermodynamics	4	Aesthetic Appreciation core course	3
CHEM 3350 Chemical Research	3	Upper level CHEM course	4
ENGL 3303 Technical Communication	3	Upper level CHEM course	4
Engagement core course	3	Engagement core course	3
Elective course	3		
	<i>Credits</i> <b>16</b>		<i>Credits</i> <b>14</b>
<b>Fall Semester 4</b>		<b>Spring Semester 4</b>	
CHEM 3301/3103 Quantitative Methods	4	CHEM 3302/3102 Instrumental Analysis	4
CHEM 3305/3105 Biochemistry I	4	CHEM 3306/3106 Biochemistry II	4
PHYS 1301/1101 College Physics I <i>or</i>	4	CHEM 4398 Internship <i>or</i>	3
PHYS 2325/2125 University Physics I	4	CHEM 4399 Senior Project	3
Elective course	3	Elective course	3
	<i>Credits</i> <b>15</b>		<i>Credits</i> <b>14</b>