Schreiner University  
Bachelor of Arts  
Biochemistry

SUGGESTED FOUR-YEAR PLAN BEGINNING 2012-2013  
This curriculum guide is intended for use in coordination with corresponding degree plan and course rotations

Sample Options  
**Fall Semester 1**  
CHEM 1101, 1301 – General Chemistry I  
MATH 2422 – Calculus I  
ENGL 1301 – Rhetoric and Composition  
BIOL 1101, 1301 – Concepts of Biological Science  
IDST 1101 – Freshman Studies  
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16 Credits

**Spring Semester 1**  
CHEM 1102, 1302 – General Chemistry II  
MATH 2423 – Calculus II  
BIOL 1103, 1302 – Organismal Biology & Lab  
ENGL 1302 – Literature and Composition  
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15 Credits

Sample Options  
**Fall Semester 2**  
CHEM 2411 – Organic Chemistry I  
HIST (3)  
EXSI 1201 – Individualized Fitness  
Elective (3)  
Social Institutions (3)  
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15 Credits

**Spring Semester 2**  
CHEM 2412 – Organic Chemistry II  
HIST (3)  
POLS 2301 – American Government (National and Texas)  
IDST 2305 – Perspectives in Critical Thinking  
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13 Credits

Sample Options  
**Fall Semester 3**  
BIOC 3405 – Biochemistry I  
LANG 1401 – (French, German, or Spanish)  
BIOL 3450 – Cell Biology  
CHEM 3403 – Thermodynamics  
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16 Credits

**Spring Semester 3**  
BIOC 3406 – Biochemistry II  
LANG 1402 – (French, German, or Spanish)  
COMM 2301 – Communication  
IDST 3360 – The Creative Experience  
BIOC, BIOL, CHEM (4)  
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18 Credits

Sample Options  
**Fall Semester 4**  
CHEM 3401 – Quantitative Methods  
BIOL (4)  
BIOL 3350 – Writing and Research in Biology  
BIOC, BIOL, CHEM (4)  
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15 Credits

**Spring Semester 4**  
BIOC 4398 – Internship in Biochemistry  
or BIOC 4399 – Senior Project in Biochemistry  
PHIL/RELI (3)  
IDST 4340 – Problems & Solutions in Global Society  
Fine Arts/Lit (3)  
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12 Credits

TOTAL Credits – 120