Schreiner University
Bachelor of Science
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**
- BIOL 1102, 1301 – Concepts of Biological Science
- CHEM 1101, 1301 – General Chemistry I & Lab
- ENGL 1301 – Rhetoric and Composition
- IDST 1101 – Freshman Studies
- MATH 2422 – Calculus I

15 Credits

**Spring Semester 1**
- BIOL 1103, 1302 – Organismal Biology
- CHEM 1102, 1302 – General Chemistry II & Lab
- MATH 2423 – Calculus II
- PHIL/RELI (3)

15 Credits

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**Fall Semester 2**
- CHEM 2411 – Organic Chemistry I
- EXSI 1201 – Individualized Fitness
- HIST (3)
- IDST 2305 – Perspectives in Critical Thinking
- PHYS (4)

14 Credits

**Spring Semester 2**
- CHEM 2412 – Organic Chemistry II
- PHYS (4)
- POLS 2301 – American Government (National and Texas)
- Social Institutions (3)

14 Credits

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

16 Credits

**Spring Semester 3**
- BIOC 3406 – Biochemistry II
- Fine Arts/Lit. (3)
- IDST 3360 – The Creative Experience
- LANG 1402 – (French, German, or Spanish)

14 Credits

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**Fall Semester 4**
- BIOC, BIOL, or CHEM (4, Upper Level)
- BIOC, BIOL, or CHEM (4, Upper Level)
- BIOL 3350 – Writing and Research in Biology
- CHEM 3401 – Quantitative Methods
- COMM 2301 – Communications

18 Credits

**Spring Semester 4**
- BIOC, BIOL, or CHEM (4, Upper Level)
- BIOC 4398 – Internship in Biochemistry
- or BIOC 4399 – Senior Project in Biochemistry
- CHEM 2302 – Scientific Problem Solving Utilizing Spreadsheets
- IDST 4340 – Problems & Solutions in Global Society

13 Credits

TOTAL Credits – 122