Schreiner University
Bachelor of Arts
Chemistry, Teacher Certification 7-12

SUGGESTED FOUR-YEAR PLAN BEGINNING 2013-2014
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 & Lab
ENGL 1301 – Rhetoric and Composition
EXSI 1201 – Individualized Fitness
HIST (3)
IDST 1101 – Freshman Studies
MATH 2422 – Calculus I

17 Credits

Fall Semester 2
CHEM 2411 – Organic Chemistry
CHEM 3403 – Thermodynamics
COMM 2301 – Communication
IDST 2305 – Perspectives in Critical Thinking
PHYS (4)

18 Credits

Fall Semester 3
BIOC, BIOL, or CHEM (4)
BIOL 3350 – Writing and Research in Biology
CHEM 3401 – Quantitative Methods
IDST 3360 – The Creative Experience
LANG 1401

18 Credits

Fall Semester 4
BIOC, BIOL, or CHEM (4)
CHEM 4398 – Professional Internship in Chemistry
or CHEM 4399 – Senior Project in Chemistry
EDUC 4303 – Methods and Management (8-12)
EDUC 4307 – Curriculum and Assessment (8-12)
IDST 4340 – Problems & Solutions in a Global Society
RDNG 3309 – Disciplinary Literacy

19 Credits

Sample Options

Spring Semester 1
CHEM 1102, 1302 – General Chemistry II & Lab
ENGL 1302 – Literature and Composition
Fine Arts/Lit. (3)
HIST (3)
MATH 2423 – Calculus II

17 Credits

Spring Semester 2
CHEM 2412 – Organic Chemistry II
CHEM 3404 – Quantum Mechanics
EDUC 2303 – Foundations of Education
PHYS (4)
POLS 2301 – American Government (National & Texas)

18 Credits

Spring Semester 3
CHEM 3402 – Instrumental Analysis
ENGL 3303 – Technical Communication
or ENGL 3307 – Advanced Composition
LANG 1402
PHIL/RELI (3)
Social Institutions (3)
SPED 3301 – Foundations in Special Education

20 Credits

Spring Semester 4
EDUC 4310 – Professional Roles and Responsibilities
EDUC 4313 – The Learner (8-12)
EDUC 4601 – Student Teaching (8-12)

12 Credits

TOTAL Credits – 139