

Schreiner University
Bachelor of Arts
Chemistry, Teacher Certification 8-12

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
HIST (3)
IDST 1101 – Freshman Studies
EXSI 1201 – Individualized Fitness

17 Credits

Fall Semester 2

PHYS
CHEM 2411 – Organic Chemistry
CHEM 3401 – Analytical Chemistry I
IDST 2305 – Perspectives in Critical Thinking
COMM 2301 – Communication

18 Credits

Fall Semester 3

CHEM 3403 – Thermodynamics
LANG 1401 – (French, German, or Spanish)
IDST 3360 – The Creative Experience
BIOL 3350 – Writing and Research in Biology
BIOC, BIOL, CHEM

18 Credits

Fall Semester 4

CHEM 4398 or 4399
IDST 4340 – Problems & Solutions in Global Society
EDUC 4307 – Curriculum and Assessment (8-12)
EDUC 4303 – Methods and Management (8-12)
RDNG 3309 – Disciplinary Literacy

19 Credits

Sample Options

Spring Semester 1

CHEM 1102, 1302 – General Chemistry II
MATH 2423 – Calculus II
HIST (3)
Fine Arts (3)
ENGL 1302 – Literature and Composition

17 Credits

Spring Semester 2

PHYS
CHEM 2412 – Organic Chemistry II
CHEM 3402 – Instrumental Analysis
EDUC 2303 – Foundations of Education
POLS 2301 – American Government (National and Texas)

18 Credits

Spring Semester 3

CHEM 3404 – Quantum Mechanics
LANG 1402 – (French, German, or Spanish)
ENGL 3303 or 3307 Tech Comm. or Adv. Comp
PHIL/RELI (3)
SPED 3301 – Foundations in Special Education
Social Institutions (3)

20 Credits

Spring Semester 4

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

12 Credits

TOTAL Credits – 139