# Suggested Four-Year Plan Beginning 2011-2012

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
- HIST (3)
- IDST 1101 – Freshman Studies
- MATH 2422 – Calculus I
- UNIV 0101 – University Studies

15 Credits

### Spring Semester 1
- CHEM 1102, 1302 – General Chemistry II & Lab
- EXSI 1201 – Individualized Fitness
- MATH 2423 – Calculus II
- PHIL/RELI (3)

13 Credits

## Sample Options

### Fall Semester 2
- BIOL 1101, 1301 – Concepts of Biological Science & Lab
- CHEM 2411 – Organic Chemistry I
- IDST 2305 – Perspectives in Critical Thinking
- PHYS 2425 – University Physics I

15 Credits

### Spring Semester 2
- CHEM 2302 – Scientific Problem-Solving Utilizing Spreadsheets
- CHEM 2412 – Organic Chemistry II
- PHYS 2426 – University Physics II
- POLS 2301 – American Government (National and Texas)

14 Credits

## Sample Options

### Fall Semester 3
- BIOL 3350 – Writing and Research in Biology
- CHEM (4, Upper level)
- CHEM 3401 – Quantitative Methods
- IDST 3360 – The Creative Experience
- LANG 1401 – (French, German, or Spanish)

18 Credits

### Spring Semester 3
- CHEM 3402 – Instrumental Analysis
- CHEM 3407 – Inorganic Chemistry
- LANG 1402 – (French, German, or Spanish)
- MATH 3425 – Differential Equations

16 Credits

## Sample Options

### Fall Semester 4
- CHEM 3350 – Introduction to Chemical Research
- CHEM 3403 – Thermodynamics
- COMM 2301 – Communication
- IDST 4340 – Problems & Solutions in a Global Society Social Institutions (3)

16 Credits

### Spring Semester 4
- CHEM (4, Upper level)
- CHEM 3404 – Quantum Mechanics
- CHEM 4398 – Internship in Chemistry
- or CHEM 4399 – Senior Project in Chemistry
- Fine Arts/Lit. (3)

14 Credits

## Total Credits
- 121