

Pre-Clinical Laboratory Science
Pre-Med Option
(Two year **suggested** course guideline)

First Semester

- CHEM 1307 (Principles of Chemistry I)
- CHEM 1107 (Experimental Principles of Chemistry I)
- ENGL 1301 (Essential College Rhetoric)
- HIST 2300 (US History to 1877)
- MATH 1320 (College Algebra) (required for PHYS 1403)
- Social and Behavioral Science (3 hrs)

Second Semester

- CHEM 1308 (Principles of Chemistry II)
- CHEM 1108 (Experimental Principles of Chemistry II)
- ENGL1302 (Advanced College Rhetoric)
- HIST 2301 (US History since 1877)
- MATH 2300 (Statistical Methods) or MATH 1451 (Calculus I)
- Social and Behavioral Science (3 hrs)

Third Semester

- BIOL1403 (Biology I)
- CHEM 3305 (Organic Chemistry I)
- CHEM 3105 (Experimental Organic Chemistry I)
- POLS 1301 American Government, Organization
- Creative Arts (3 hrs)

Fourth Semester

- BIOL 1404 (Biology II)
- CHEM 3306 (Organic Chemistry II)
- CHEM 3106 (Experimental Organic Chemistry II)
- POLS 2306 (Texas Politics and Topics)
- Language, Philosophy, and Culture credit (3hrs)

Summer or later semesters depending on when the courses are offered and when the student plans to apply to the CLS program

PHYS 1403 (General Physics I)

PHYS 1404 (General Physics II)

BIOL 3416 (Genetics) recommended

CHEM 3310 (Molecular Biochemistry)

MBIO 3401 (Principles of Microbiology)