

**DEGREE PLAN LEADING TO THE
BACHELOR OF SCIENCE DEGREE IN
CLINICAL LABORATORY SCIENCES
BY LEVEL AND SEQUENCE**

Freshman

First Semester

BIOL 131 (Biological Science I, Lecture), 3 cr
CHEM 111 (General Chemistry I Laboratory), 1 cr
CHEM 131 (General Chemistry I, Lecture), 3 cr
ENG 131 (Freshman English), 3 cr
HSCR 150 (Concepts of Health), 3 cr
MATH 133 (College Algebra), 3 cr
SC 135 or 136 (Speech Communication), 3 cr

Second Semester

BIOL 132 (Biological Science II, Lecture), 3 cr
CHEM 112 (General Chemistry II Laboratory), 1 cr
CHEM 132 (General Chemistry II, Lecture), 3 cr
CS 116 (Computer Science), 3 cr
ENG 132 (Freshman English), 3 cr
PSY 131 (Psychology Lecture), 3 cr

Sophomore

First Semester

BIOL 245 (Human Anatomy and Physiology), 3 cr
BIOL 454 (Immunology), 3 cr
CHEM 211 (Organic Chemistry I Laboratory), 1 cr
CHEM 231 (Organic Chemistry I, Lecture), 3 cr
HIST 231 (Social and Political History of U.S. I), 3 cr
VISUAL AND PERFORMING ARTS* 3 cr
POLS 231 (American Political Systems I), 3 cr

Second Semester

BIOL 347 (Microbiology), 4 cr
CHEM 212 (Organic Chemistry II Laboratory), 1 cr
CHEM 232 (Organic Chemistry II, Lecture), 3 cr
HIST 231 (Social and Political History of U.S. I), 3 cr
POLS 232 (American Political Systems II), 3 cr
ENG 230-244 (English Literature), 3 cr

Summer Session

HSCR 260 (Biomedical Ethics), 3 cr
HSCR 360 (Principles of Disease), 3 cr

Junior

First Semester

HSMT 304 (Clinical Laboratory Science Applications I), 1 cr
HSMT 352 (Hematology I), 4 cr
HSMT 353 (Clinical Microscopy and Quality Control), 4 cr
HSMT 354 (Immunohematology I), 3 cr
HSMT 355 (Medical Chemistry I), 3 cr
HSMT 359 (Microbial Human Disorders I), 3 cr

Second Semester

HSMT 252 (Serology Practice and Procedures), 3 cr
HSMT 305 (Clinical Laboratory Science Applications II), 1 cr
HSMT 362 (Hematology II), 3 cr
HSMT 364 (Immunohematology II), 3 cr
HSMT 365 (Medical Chemistry II), 3 cr
HSMT 369 (Microbial Human Disorders II), 2 cr

Summer Session

HSMT 356 (Hemostatic Processes), 4 cr

Senior**First Semester**

HSMT 306-MGMT (Health Sciences Seminar), 1 cr
HSMT 357 (Practicum I), 3 cr
HSMT 467 (Blood Bank), 4 cr
HSMT 469 (Clinical Biochemistry), 4 cr

Second Semester

HSCR 300 (Health Sciences Seminar), 1 cr
HSMT 358 (Clinical Immunology), 2 cr
HSMT 466 (Clinical Hematology), 4 cr
HSMT 468 (Clinical Microbiology), 4 cr
HSMT 306-RESEARCH (Comprehensive Clinical Laboratory Science), 1 cr