

Laboratory Science - LBSC

Courses

LBSC 2010 BASICS IN LABORATORY SCIENCE (2) LEC. 1. LAB. 1. Basic laboratory skills, quality control and assurance, standard precautions for biohazard testing; requirements for careers in medical and laboratory science.

LBSC 4010 HEMATOLOGY (3) LEC. 3. Pr. CHEM 2070 or CHEM 2077. Origin, maturation, morphology, and function of normal blood cells and abnormalities in diseased blood with clinical correlation to disease processes.

LBSC 4011 HEMATOLOGY LAB (2) LAB. 6. Pr. (CHEM 2070 or CHEM 2077) and P/C LBSC 4010 and P/C LBSC 2010. Lab portion of course covering origin, maturation, morphology, and function of normal blood cells and abnormalities in disease blood with clinical correlation to disease processes.

LBSC 4050 CLINICAL IMMUNOHEMATOLOGY/PARASITOLOGY (5) LEC. 3. LAB. 6. Pr. (CHEM 2070 or CHEM 2077) and (BIOL 1020 or BIOL 1027). Immunogenetics, clinical significance of blood group antigens and antibodies, theory and techniques of serological study of human blood groups. Human parasites, life cycles and disease processes.

LBSC 4250 CLINICAL BIOCHEMISTRY/INSTRUMENTATION (4) LEC. 3. LAB. 3. Pr. P/C BCHE 5180 or P/C BCHE 3200. Biochemistry/physiology of systems in the body of elements in body fluids during the normal and abnormal processes. Theoretical and practical application of Lab techniques, atomic absorption, gaschromatograph-FID, HPLC, spectroscopy, spectrophotometry, ion selective electrodes and RIA used in analysis of body fluids.

LBSC 4910 CLINICAL PRACTICUM (0) PRA.

LBSC 4920 CLINICAL INTERNSHIP (0) INT/PRA.