BIOH - Biology-Human

BIOH 201. Human Anatomy and Physiology I. 5 Credits. (3 Lec, 2 Lab) F.S.Su
PREREQUISITE: CHMY 121IN, CHMY 141I, or CHMY 151I, with a grade of "C-" or better; priority given to majors requiring this course. General principles of cell and tissue biology that apply to all living systems. Structure and function of skeletal, muscular, nervous, and endocrine systems. Homeostasis, control, and integration of the human body will be emphasized. Laboratory will cover related systems. This course is not repeatable without prior consent of instructor.

Term     CRN     Section     Session/Dates     Days     Location     Time
2019 Summer  10568     003     Non-standard     MTWR     12:00pm - 1:50pm
2019 Summer  10592     001     Non-standard     MTWR     2:00pm - 4:00pm
2019 Summer  10592     002     Non-standard     MTWR     10:00am - 11:50am

BIOH 385. Human Skeletal Biology. 3 Credits. (3 Lec) Su
PREREQUISITE: BIOH 185 or BIOH 201 or BIOB 260 or consent of instructor. This course will offer students the opportunity to experience a comprehensive, investigatory, and analytical study of the human skeleton. Topics will include histology, physiology, bone development, biomechanics, identification and interpretation of skeletal structures, and a study of pathology and trauma.

Term     CRN     Section     Session/Dates     Days     Location     Time
2019 Summer  11353     001     May-start: 4x4     -     -     -

BIOH 454. Microanatomy (Histology). 3 Credits. (3 Lec, 2 Lab) F. On Demand.
PREREQUISITE: BIOH 260, or consent of instructor. Covers an introductive microscopic study of mammalian cells, tissues and organs. Emphasizing normal structure and function relating to disease processes in specific organ systems. Class discussion will relate the normal microanatomy to human pathophysiology.

Term     CRN     Section     Session/Dates     Days     Location     Time
2019 Summer  11374     001     June-start: 4x4     MTWR     8:00am - 9:40am
2019 Summer  11374     002     June-start: 4x4     MTWR     10:00am - 11:40am

BIOH 464. Clinical Hematology and Body Fluids. 2 Credits. (1 Lec, 1 Lab) Su
PREREQUISITE: Acceptance in professional training program. Topics include a review of normal hematopoiesis; red blood cell, white blood cell, and platelet disorders; body fluid overview; and an introduction to hematology instrumentation.

Term     CRN     Section     Session/Dates     Days     Location     Time
2019 Summer  10471     001     Full Semester     MTWR     8:00am - 12:00pm
2019 Summer  10471     002     Full Semester     MTWR     1:00pm - 5:00pm

BIOH 466. Clin Microbiology I. 3 Credits. (2 Lec, 1 Lab) Su
PREREQUISITE: Acceptance in professional training program. Topics include a review of medical microbiology, virology, mycology, parasitology, and clinical laboratory testing procedures.

Term     CRN     Section     Session/Dates     Days     Location     Time
2019 Summer  10472     001     Full Semester     MTWR     8:00am - 12:00pm
2019 Summer  10472     002     Full Semester     MTWR     1:00pm - 5:00pm

BIOH 467. Clinical Chemistry I. 3 Credits. (2 Lec, 1 Lab) Su
PREREQUISITE: Acceptance in professional training program. Topics include an introduction to theories and principles with emphasis on all body systems, and the role of instrumentation in the clinical chemistry laboratory.

Term     CRN     Section     Session/Dates     Days     Location     Time
2019 Summer  10473     001     Full Semester     MTWR     8:00am - 12:00pm
2019 Summer  10473     002     Full Semester     MTWR     1:00pm - 5:00pm

BIOH 468. Clinical Immunohematology I. 3 Credits. (2 Lec, 1 Lab) Su
PREREQUISITE: Acceptance in professional training program. Basic techniques in blood banking. Topics to be included are: ABO/Rh typing, antibody identification, transfusion therapy and reactions, donor collection and component preparation.

Term     CRN     Section     Session/Dates     Days     Location     Time
2019 Summer  10470     001     Full Semester     MTWR     8:00am - 12:00pm
2019 Summer  10470     002     Full Semester     MTWR     1:00pm - 5:00pm

BIOH 469. Essentials of Clinical Lab Practice. 1 Credit. (1 Lab) Su
PREREQUISITE: Acceptance in professional training program. Provides an orientation to the program, safety information, phlebotomy training, and an overview of management practices. Also includes instruction in hemostasis, molecular diagnostics and urinalysis.

Term     CRN     Section     Session/Dates     Days     Location     Time
2019 Summer  10540     001     Full Semester     MTWR     8:00am - 12:00pm
2019 Summer  10540     002     Full Semester     MTWR     1:00pm - 5:00pm

BIOH 470. Summer Clinical Laboratory. 12-13 Credits. Su
PREREQUISITE: To take this course, students must be accepted into a professional training program. This is a clinical laboratory science course, which will be conducted at affiliate training programs during the summer of a student's senior year. It includes student lecture and laboratory instruction in clinical immunohematology, clinical chemistry, phlebotomy, clinical hemostasis, clinical microscopy and urinalysis, clinical body fluids, transfusion techniques, and clinical microbiology.

Term     CRN     Section     Session/Dates     Days     Location     Time
2019 Summer  10254     002     Full Semester     -     -     -

BIOH 491. Special Topics, 1-4 Credits. (1-4 Lec; 12 cr max) On Demand
PREREQUISITE: BIOH 260. Courses not required in any curriculum for which there is a particular one-time need, or given on a trial basis to determine acceptability and demand.

Term     CRN     Section     Session/Dates     Days     Location     Time
2019 Summer  11001     001     May-start: 4x4     -     -     -

BIOH 594. Seminar. 1 Credit. (1 Sem; 4 cr max) On Demand
PREREQUISITE: Graduate standing or seniors by petition and course prerequisites as determined for each offering. Topics offered at the graduate level which are not covered in regular courses. Students participate in preparing and presenting discussion material.

Term     CRN     Section     Session/Dates     Days     Location     Time
2019 Summer  10705     001     Full Semester     -     -     -

BIOH 595. Anatomy & Physiology for Tchrs. 3 Credits. (1 Lec. 1 Lab, 1 Rec) Su
PREREQUISITES: Teacher of science with a minimum of two years teaching experience. Must have solid background in life science. This course is designed for high-school and post-secondary instructors who are either currently teaching an anatomy and physiology course or are interested in developing one. The goal of the course is to help instructors develop an A&P curriculum that integrates Next Generation Science Standards. Participants from all A&P instructional backgrounds are welcome and should expect to work in a collaborative environment.

Term     CRN     Section     Session/Dates     Days     Location     Time
2019 Summer  11246     801     Intersession     -     -     -
Font Notice

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Times was used instead of Adobe Garamond Pro.

The editor may contact Leepfrog for a draft with the correct fonts in place.